

LIST OF PUBLICATIONS

List of Journal papers:

1. A. Maity, K. Bhattacharya, A.N. Sanyal, "Tools and techniques for assessment of dynamic stability in a high voltage transmission system", *Vidyut Bharati*, No. 4 , Vol.: 32, April-2010
2. A. Maity, K. Bhattacharya, A.N. Sanyal, "Computer-aided design of H.V. transmission line", *Indian Science Cruiser*, Vol.-26, No.-5, September-2012, ISSN : 09704256
3. A. Maity, K. Bhattacharya, A.N. Sanyal, "Cost optimal design of a 3-phase 400 Kv power inductor for compensating an EHV line", *International Journal of Emerging Technology and Advanced Engineering*, Vol. 2, Issue 9, September, 2012, (ISSN 2250-2459, ISO 9001 : 2008 Certified Journal).
4. A. Maity, K. Bhattacharya, A.N. Sanyal, "Procedure and program for power capacitor design for shunt compensation & power factor improvement", *Indian Journal of Power and River Valley Development*, Vol. 63 Nos. 5&6, May –June-2013 (II ISSN 0019-5537)
5. A. Maity, K. Bhattacharya, A.N. Sanyal, "Study on voltage stability of transmission lines under large reactive power burden" *Indian Science Cruiser*, Vol.-27, No.-3, May 2013, ISSN : 09704256.
6. A. Maity, K. Bhattacharya, A.N. Sanyal, "Small signal stability analysis of synchronous generators connected to infinite bus", *International Journal of Emerging Technology and Advanced Engineering*, Vol. 3, Issue 10, October 2013 (ISSN 2250-2459, ISO 9001 : 2008 Certified Journal).
7. A. Maity, K. Bhattacharya, A.N. Sanyal "Design approach to high voltage high power steam-turbine driven alternator", *Research Inveny: International journal of Engineering and Science*, Vol.-4, Issue-4, April 2014, ISSN(e) : 2278-4721; ISSN(p):2319-6483.The paper has been indexed in ANED (American National Engineering Database). Article ANED-DDL (Digital Data link) number is **07.4721/044039044**. View through www.aned.us
8. A. Maity, K. Bhattacharya, A.N. Sanyal "Design approach to H.V. Generator-Transformer", *International Journal of Emerging Technology and*

List of presentation & publication in National/International Seminar/Conference:

1. A. Maity, K. Bhattacharya, A.N. Sanyal, “Asynchronous conditions arising out of sudden loss of excitation of an alternator connected to high voltage bus”, National Conference paper at HETC, Hooghly. in collaboration with the Institute of Engineering and Technology, UK, Kolkata Chapter, 11-12 July’09.
2. A. Maity, K. Bhattacharya, A.N. Sanyal, “Asynchronous operation of synchronous generators under field failure”. International Conference (ACES-2014) at AOT, Hooghly, in collaboration with IEEE, 1st and 2nd Feb. ’2014.
3. A. Maity, K. Bhattacharya, A.N. Sanyal, “Asynchronous operation of synchronous generators under field failure”, IEEE Xplore, Digital Object Identifier:10.1109/ACES.2014.6808006, Print ISBN: 978-1-4799-3893-3, pp 1-6 (reprinted from IEEE conference paper).

List of patents: Nil