



# International Journal on Recent Researches In Science, Engineering & Technology

(Division of Mechanical Engineering)

A Journal Established in early 2000 as National journal and upgraded to International journal in 2013 and is in existence for the last 10 years. It is run by Retired Professors from NIT, Trichy. It is an absolutely free (No processing charges, No publishing charges etc) Journal Indexed in JIR, DIIF and SJIF.

Research Paper

Available online at: [www.jrrset.com](http://www.jrrset.com)

ISSN (Print) : 2347-6729

ISSN (Online) : 2348-3105

Volume 5, Issue 6,  
June 2017

JIR IF : 4.334

DIIF IF : 1.46

SJIF IF : 1.329

---

## Investigating The Performance Of Wet Cooling Towers Having Common Defects In Power Plants

T. Krishna and J.K. Ning

### Abstract

The authors worked on investigating the performance of wet cooling towers having common defects in power plants. During long term working of the power plants, the cooling towers develop defects like packing blockage, nozzle blockage etc. The authors experimentally investigated the performance of the towers, against these defects free, and defect cooling towers, and the performances of the towers were compared. They concluded that the efficiency coefficient decreases with the increase of water to air ratio.