



International Journal on Recent Researches In Science, Engineering & Technology

(Division of Electronics and Communication 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

ISSN (Print) : 2347-6729

ISSN (Online) : 2348-3105

**Volume 4, Issue 8,
August 2016.**

JIR IF : 2.54

DIIF IF : 1.46

SJIF IF : 1.329

Design and implementation of Microcontroller

Dr. S. Ravishankar

Abstract - Literature reported that the recent crush is on managing the power failure prevailing on-date . This paper focuses mainly on the microcontroller implementation aspects in the event of power failure . In our paper, When power supply fails or if anyone of the phase is being cut off the microcontroller senses that and automatically turns on the gen set and delivers power to the bus bar . If power supply resumes the microcontroller senses that and automatically cutoff the gen set supply to the bus bar by using voltage sensing device .