



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

(Division of Computer Science and 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 3, Issue 9,  
September 2015.

JIR IF : 2.54

DIIF IF : 1.46

SJIF IF : 1.329

---

## Context Issues and Challenges for Integrating Mobile And Grid Environments

S. Thenmozhi

Abstract - In this paper we present architecture of a middleware layer that enables users of mobile devices to seamlessly and securely access distributed resources in a grid. It lays the ground work for an application toolkit that addresses issues such as delegation of the job to the grid service, interaction with heterogeneous mobile devices, support for online processing, secure communication between the client and the middleware and presentation of results formatted in accordance with the device specification by outsourcing computationally intensive tasks with high storage and network bandwidth demands.