



International Journal on Recent Researches In Science, Engineering & Technology

A Journal Established in early 2000 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 charge No publishing charge etc) Journal Indexed in DIIF and SJIF.

Research Paper

Available online at: www.jrrset.com

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ISSN (Print) : 2347-6729
ISSN (Online) : 2348-3105

**Volume 1, Issue 10,
Oct. 2013**

**DIIF IF :1.46
SJIF IF: 1.329**

CONTEXT ISSUES AND CHALLENGES FOR INTEGRATING MOBILE AND GRID ENVIRONMENTS

S. Thenmozhi

Abstract - Literature reported that 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 band with demands.