



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

Chief Editor : Dr. M.Narayana Rao, Ph.D., Rtd. Professor, NIT, Trichy.

ISSN (Print) : 2347-6729

ISSN (Online) : 2348-3105

Volume 3, Issue 4,
April 2015.

JIR IF : 2.54

DIIF IF : 1.46

SJIF IF : 1.329

Image Classification and Retrieval Using Spatial Pyramid Matching

J.Jeyshri¹, S. Vanitha Sivagami²
PG Student, Associate Professor
Computer Science and Engineering
Mepco Schlenk Engineering College
Sivakasi, Tamilnadu
jeyshricse@gmail.com,svanithamepc@eng.ac.in²

Abstract: Image classification and retrieval plays a vital role in the computer era. Concurrently it elaborates the image and focus the user and the viewer can identify the various object in the given images that enables the viewer to have a clear idea and knowledge about the image. So based on spatial pyramid matching the images are classified and retrieved based on Histogram intersection between the images. The experimental results demonstrate that this method is more accurate and stable. Experimental results on UIUC-Sports dataset illustrating that this model provides competitive retrieval performance, and superior classification performance.