Weekly Seminar Series
Lecture-6

Topic: *Multi-oriented Multilingual Text Detection in Video/Images*

Speaker

Dr. V. N Manjunath Aradhya, Ph.D., PostDoc,
Associate Professor, MCA Department, SJCE, Mysuru

Abstract

Applications of Content-based indexing and retrieval systems depend mainly on information present within. Among various types of information, text information plays a very important role because text is ubiquitous in our daily life such as on road signs, bill boards, shop names, menus, labels etc., This talk presents few of the robust algorithms in detecting text in images and video based on the combination of a) Wavelet Transform and Level Set Method b) Wavelet Transform and an LBF energy. Experiments will be demonstrated on five challenging standard datasets including own collected multilingual dataset, comprising images with South Indian languages with Kannada, Tamil, Telugu and Malayalam texts.

Brief Profile of the Speaker

Dr. V.N. Manjunath Aradhya received the M.S. and Ph.D degrees in Computer Science from University of Mysore, in 2004 and 2007 respectively. He did his Post Doctoral degree from University of Genova, Italy in 2010. He is currently working as an Associate Professor in Dept. of MCA, Sri Jayachamarajendra College of Engineering, Mysore. He is a recipient of "Young Indian Research Scientist" from Italian Ministry of Education, Italy in 2009.

His professional recognition includes as a Technical Editor for Journal of Convergence Information Technology (JCIT), Editor Board in Journal of Intelligent Systems, reviewer for IEEE Trans on System, Man and Cybernetics - PART B, IEEE Trans on Cybernetics, International Journal of Pattern Recognition (PR), International Journal of Pattern Recognition Letters (PRL) etc. He successfully completed three Ph.D and guiding 6 Ph.D's working in different area of IP and PR. He has published around 100+ research papers in reputed international journals, conference proceedings, and edited books.

All Students, Research Scholars, and Faculty Members are requested to participate in the seminar

Date: 09th Dec., 2016 at 3.30 PM   **Venue: Seminar Hall, DoS in CS**

08/12/16