

K.V.S Dileep

CONTACT INFORMATION	Artificial Intelligence and Databases Lab (AIDB) Department of Computer Science and Engineering Indian Institute of Technology Madras Chennai, TN 600036 India	<i>E-mail:</i> kvsdilip@cse.iitm.ac.in <i>WWW:</i> www.cse.iitm.ac.in/~kvsdilip
RESEARCH INTERESTS	Memory Based Reasoning in AI, Information Retrieval, Natural Language Processing and Machine Learning	
EDUCATION	Indian Institute of Technology Madras , Chennai, TN 60036 India Ph.D. Candidate, CSE, July 2010 - present <ul style="list-style-type: none">• Dissertation Topic: “Intelligent Integration of Knowledge Sources for Efficient Text Processing”• Advisor: Dr. Sutanu Chakraborti Sri Sathya Sai Institute of Higher Learning , Puttaparthi, AP 515134 India M.Tech., Computer Science, April 2010 M.Sc., Mathematics, April 2008 B.Sc., Mathematics, April 2006	
HONORS AND AWARDS	Secured Gold Medal for distinction in B.Sc Honors Mathematics in 2006. Recipient of the National Merit Scholarship from the UGC for securing the gold medal in B.Sc Mathematics in the year 2006. Secured the Sri Sathya Sai All Rounder Gold Medal for all-round performance in academics, co-curricular and extra-curricular activities. Part of the winning team of Yahoo! HackU 2011 held at IIT Madras in the Scientific Hack category. The app is Tweets of Interest, which scans your twitter timeline and mails you important tweets based on your interests. 3rd Prize in Yahoo! HackU 2013 event at IIT Madras. Developed a small hack called Yahoo! AnswersEx which determines how difficult it is to obtain an answer for a question asked on Yahoo! Answers.	
ACADEMIC EXPERIENCE	Teaching Assistant for Graduate electives - Natural Language Processing, Memory Based Reasoning in AI. Duties included shared administrative responsibilities with faculty instructor, fielding of all student inquiries, and setting assignment and helping in grading.	
PUBLICATIONS	Estimating Case Base Complexity using Fractal dimension, KVS Dileep and Sutanu Chakraborti, Accepted for publication in 22nd International Conference on Case-Based Reasoning, 29th September - 1st October 2014, Cork, Ireland Towards Higher Order Complexity Measures for Text Classification, KVS Dileep and Sutanu Chakraborti, 1st Indian Workshop on Machine Learning(iWML 2013), July 1-3 2013, IIT Kanpur. (Poster Presentation)	

Learning Data Dependent Composite Kernels for Robust Image Retrieval - A Genetic Programming Approach, Published at International Conference on Image Processing, Computer Vision, and Pattern Recognition 2010 (IPCV 2010), July 12th-15th , Las Vegas, USA

My publications page: <http://www.cse.iitm.ac.in/~kvsdilip/profile.html>

PROFESSIONAL EXPERIENCE	IBM Research Labs , Bangalore, India <i>Summer Intern</i> May, 2012 - August, 2012 Worked on joint summarization and clustering of documents using extended topic models.
COURSES DONE	Memory Based Reasoning in AI, Natural Language Processing, Advanced Data Structures and Algorithms, Artificial Intelligence, Kernel Methods in Pattern Analysis, Machine Learning
SKILLS	C, C++, Java, Python, Matlab, \LaTeX
REFERENCES	Available upon request