## <u>V Srikrishnan</u>

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	Mumbai, India PIN 400076	•
Research Interests	Visual tracking, Active contours, Shape priors, Variational methods	
Education	Indian Institute of Technology Bombay, Mumbai, India	
	Ph.D. Research Scholar	
	<ul> <li>Dissertation topic: Object Tracking:</li> <li>Expected submission date: July 2009</li> <li>Advisor: Prof. Subhasis Chaudhuri</li> </ul>	From Shapes to Features
	Master of Technology	
	<ul> <li>Dissertation Title:Signal and Image I</li> <li>Advisor: Prof. Vikram M. Gadre</li> <li>Graduation date: July 2004</li> </ul>	Processing for Cardiac MRI
	VNIT, formerly V.R.C.E, Nagpur, In	dia
	Bachelor of Engineering	
	• Project topic: Attitude Control of Sa	tellite
	<ul><li>Advisor: Prof. Kisnore D. Kulat</li><li>Graduation date: July 2001</li></ul>	
Research Experience	<ul> <li>PhD Candidate and Graduate Research Prof. Subhasis Chaudhuri</li> <li>For my thesis, I have worked on visual transformed to the properties of the second of the properties of the second of the properties of the propertie</li></ul>	Assistant EE Dept., IIT Bombay, 2004-current. Advisor- acking. The contributions of the thesis are as follows bace varying internal energy term for robust segmentation burs. This term, based on importance of edge segments from clutter and better segmentation for gradient based used with both parametric and geometric active contour is show the utility of the space varying term. tion of an tangential evolution term for reparametrisation ical testing has been done on many videos consisting of hift tracker with an active contour tracker for mutual is in scale and orientation adaptation for the mean shift of the contour tracker. for tracking through scale and orientation changes for ed approach for tracking through scale and orientation CTS and many other sequences. model for short term motion prediction in crowd scenes. acking features in crowds and prediction performed by t of points.
Honours and Awards	Conference Travel Award: Awarded by II Conference Travel Award: Awarded by II	EEE TPAMI for attending CVPR 2007 T Bombay for attending CVPR 2007
Publications *		
	[1] V. Srikrishnan and S. Chaudhuri, St	able Contour Tracking through Tangential Evolution in

Advances in Intelligent Information Processing: Tools and Applications, Eds. B. Chanda and C.A. Murthy. World Scientific, 2008.

	[2] V. Srikrishnan, S. Chaudhuri, and S. D. Roy, "Stabilisation of active contours using a tangential evolution term: An application to tracking," in <i>Proc. Intl. Conf. on Computing: Theory and</i> <i>Applications</i> , ISI, Kolkata, February 2007.		
	<ul> <li>[3] V. Srikrishnan, S. Chaudhuri, S. D. Roy, and D. Sevcovic, "On stabilisation of parametric active contours," in <i>Proc. IEEE Conf. on Comp. Vision and Patt. Recog.</i>, Minneapolis, June 2007.</li> <li>[4] V. Srikrishnan and S. Chaudhuri, "Kernel snake: A cooperative shape tracking paradigm," in <i>National Conference on Communications</i>, IIT Bombay, Mumbai, February 2008.</li> <li>[5] V. Srikrishnan, T. Nagaraj, and S. Chaudhuri, "Fragment based tracking for orientation and scale adaptation," in <i>Proc. ICVGIP</i>, Bhubaneswar, December 2008.</li> <li>[6] V. Srikrishnan and S. Chaudhuri, "Distraction-free evolution of active contours," in <i>Proc. ICAPR</i>, ISI, Kolkata, February 2009.</li> </ul>		
	<ul> <li>[7] —, "Stabilisation of parametric active contours using a tangential redistribution term," <i>IEEE Trans.Image Proc.</i>, Accepted.</li> </ul>		
Professional	IIT Bombay, Mumbai, India		
EXPERIENCE	System administrator of the Vision and Image Processing lab September, 2004 – present		
	Emerson Network Power India Pvt. Ltd., Thane, India		
	Graduate Engineer Trainee August, 2001 – July, 2002		
	Joined ENPIL through campus recruitment after completing the Bachelor's degree. Worked at the uninterruptible power supply division, primarily studying the UPS design.		
Programming Skills	• Programming: Matlab, C/C++,Linux shell scripting		
Referees	Prof. Subhasis Chaudhuri, sc@ee.iitb.ac.in Prof. H. Pillai, hp@ee.iitb.ac.in		

Prof. S.N.Merchant, merchant@ee.iitb.ac.in