Computer Society of India, Chennai Chapter
IEEE Computer Society, Madras Chapter

Cordially invite you for a presentation and demo by

Dr. Jeyakesavan Veerasamy

Director of CS UT Design Program & Teaching Faculty
Department of Computer Science, Erik Jonsson School
The University of Texas at Dallas, USA

on

"Enjoyable Introduction to Programming using Alice and JavaScript"

on Thursday, 3ʳᵈ January 2013 at 5.30 p.m.

at

Conference Hall, Anna University Alumni Centre
Anna University, Guindy, Chennai – 600025

Mr. A. Chandrasekaran	**Mr. H.R. Mohan**
Chairman	Chairman
CSI Chennai	IEEE CS Madras

5.30 p.m.: Tea & Fellowship :: 6.00 p.m.: Presentation :: 7.30 p.m.: Dinner

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About the Presentation: Learning to program can be exciting, or is it? Fighting with logic, syntax errors, and improper planning, majority of the students get frustrated and even resort to memorizing programs! Institutions & global programming community have provided several solutions to address these issues. After reviewing a few such tools, the speaker will demo one visual programming tool called Alice and highlight its features & show how it makes learning to program really exciting! Alice is an innovative 3D programming environment that makes it easy to create an animation for telling a story, playing an interactive game, or a video to share on the web. It is a freely available teaching tool designed to be a student's first exposure to programming. In Alice, 3-D objects (e.g., people, animals, and vehicles) populate a virtual world and students create a program to animate the objects. After the introducing programming using Alice, the speaker will demo KhanAcademy-JavaScript based system – it enables the students to get used to free-form typing and syntax errors, while keeping their interest with fancy GUI outputs.

About the Speaker: Dr. Jeyakesavan Veerasamy works as Director of Senior Design program and also as Senior Lecturer in Computer Science at the University of Texas at Dallas, USA. He has worked in wireless telecom industry for 16 years (3 years in Nortel & 13 years in Samsung) and joined UT Dallas in Fall 2010 to focus more on teaching. He worked in wireless switch software in Nortel and focused on CDMA wireless air-interface in Samsung. Along with full-time job, he has taught a no. of online courses related to programming and software engineering for several US universities for 11 years. He is an Alumnus of UT Dallas and has done his MS & PhD in Computer Science. He has 12 publications in conferences/journals and four patents in telecom area. He teaches programming courses in Java & C++ to undergraduate students. As Director of Senior Design Projects, Dr. Jey is responsible for working with the industry to bring industry projects to CS Department so that final year undergraduate students can gain industry experience before they graduate. He travels frequently to India and gives guest lectures/conducts workshops in various colleges to share his knowledge & approach with current generation of students & faculty. He has developed virtual workshop materials on Alice and JavaScript so that any college in the world can run those workshops any time for their students. These tutorials will be available through Spoken Tutorials (IIT Bombay's project) in a few months. Dr. Jey is also a regular speaker in A-VIEW, India's national webinar system.