P.S.V.S Sai Prasad completed his B.Sc(Hons) and M.Sc in Mathematics, M.Tech (Computer Science) from Sri Sathya Sai University, Prasanthinilayam, India. He is currently pursuing his Ph.D (Computer Science) from University of Hyderabad. Since 2007 he is working as an Assistant Professor in Department of Computer and Information Sciences, University of Hyderabad. His research interests are Rough Sets and Soft Computing. He is member of Indian Society for Rough Sets(ISRS) and International Rough Set Society(IRSS).

Title of the Talk: Tutorial introduction to Rough Set Exploration System (RSES) and RSESLib

Abstract: Rough Set Exploration System (RSES) is a toolkit for analysis of decision system represented as a table. It is based on methods and algorithms coming from the area of Rough Sets. RSES is developed by Logic Group, Institute of Mathematics, Warsaw University, Poland. Similar to Weka, RSES comprises of features belonging to all stages of Data Mining. It comprises of two general components - the GUI front-end and the computational kernel. The kernel is based on RSESlib  library. The talk gives an overview of features of RSES and its usage while demonstrating the same. The computational kernel RSESLib is provided as a Jar file and has the advantage of embedding as part of any Java project. As an example of using RSESLib, Reduct computation in a Java project using RSESLib.jar is demonstrated.