



**Ministry of Science and Technology
Department of Science and Technology
SERC Division**

COGNITIVE SCIENCE INITIATIVE

Cognitive Science is the study of the processes by which the humans and other animals come to know properties of their external environment and convert that knowledge into action as well as relay that knowledge to others by means of communication. As a result, Cognitive Science has a vital role to play in several socially important areas such as mental health, social engineering, education and computer technology. It is assumed that Cognitive Science is one of the four pillars of the 21st century along with Nano, Bio and Information Technology. Of the four, Cognitive Science is the least represented in the Indian scientific scenario. In view of this, DST has identified specific thrust areas in Cognitive Science for special consideration in the 11th Five-Year Plan. These are: Foundations of Cognition; Language and Cognition; Computational Intelligence; Cognitive Psychology, and Cognitive Neuroscience. In addition to basic research and infrastructure, human resource development has been identified as an integral part for success of this initiative.

Scientists, who are interested, are welcome to participate in this Cognitive Science Initiative and submit research proposals in their area of expertise. The SERC project format is available at the website www.serc-dst.org. The scientists are required to submit 15 copies of the proposal latest by **31 January 2008** to **Dr H. B. Singh**, Scientist, SERC Division, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi 110 016 (e-mail: haribsingh@nic.in). The envelope may be superscribed 'Cognitive Science Initiative'.