



Ministry of Science and Technology  
Department of Science and Technology

## Cognitive Science Research Initiative (CSI)

Cognitive science is the study of the mind and brain, focusing on how the mind represents knowledge and how mental representations and processes are realized in the brain. The field is highly interdisciplinary, combining ideas and methods from psychology, computer science, linguistics, philosophy and neuroscience.

The Department of Science and Technology (DST) seeks proposals in the active areas of cognitive research that include language, memory, visual perception and cognition, thinking and reasoning, social cognition, decision making, artificial intelligence, psychology, cognitive development and other important components derive from work in the neurosciences, philosophy and anthropology. The goal is to characterize the nature of human knowledge – its forms and content – and how that knowledge is used, processed and acquired. In short, Cognitive Science Research Initiative (CSI) of DST promises to revolutionize research in various fields such as (a) nature and origin of mental disorders of psychological, social and neurochemical origin; (b) design of better learning tools and educational paradigms and (c) design of better software technologies and artificial intelligence devices.

Aiming to promote and intensify cutting edge research in Cognitive Science, Department invites proposals for:

### (i) Individual Research Proposal for 2013–14

The individuals with research background in Cognitive Science and having regular positions are invited to participate in Cognitive Science Research Initiative. Interested candidates are required to submit research proposals in their area of expertise along with Endorsement Certificate from Head of the institution and detailed bio-data of PI and Co-PIs. The project proposal format is available on DST website: [www.dst.gov.in](http://www.dst.gov.in).

**Project duration:** The project is tenable for a maximum period of three (3) years.

**Where to apply:** Fifteen (15) copies of research proposals should be sent to **Dr H. B. Singh**, Scientist, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi 110 016 by Speed Post. A soft copy of proposal should also be mailed at [haribsingh@nic.in](mailto:haribsingh@nic.in). The envelope should be superscribed with 'Cognitive Science Research Initiative (CSI)'.

### (ii) Postdoctoral Fellowships for 2013–14

Applications are invited for the award of 'DST-CSI-Postdoctoral Fellowship' for pursuing research in frontier areas of Cognitive Science. The fellowship is tenable for 2 years in research institutions/universities/non-profit R&D institutions within India and cannot be availed at the same institution where the candidates have earned their Ph.D. degree. Each fellow would be entitled to a fellowship of Rs 35,000 per month and research contingency grant of Rs 2,00,000 per year.

**Eligibility:** The candidates with good academic record and holding Ph.D. or equivalent degree in Science, Engineering and allied areas of Cognitive Science are eligible for CSI-PDF. Those who have already submitted Ph.D. thesis are also eligible to apply. The upper age limit for 'DST-CSI-Postdoctoral Fellowship' is 40 years.

**Where to apply:** Candidates are required to submit two (2) copies of application in prescribed format available at DST website [www.dst.gov.in](http://www.dst.gov.in). The envelope should be superscribed with 'DST-CSI PDF Application'. The application should be sent to **Dr H. B. Singh**, Scientist, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi 110 016 by Speed Post. A soft copy of application should also be mailed at [haribsingh@nic.in](mailto:haribsingh@nic.in).

Last date of submission for both (i) and (ii): **30 September 2013**.