



# Ministry of Science and Technology Department of Science and Technology

## COGNITIVE SCIENCE RESEARCH INITIATIVE (CSRI)

Cognitive Science is the study of mind and brain, focusing on how the mind represents knowledge and how mental representations and processes are realized in the brain. The field is interdisciplinary, combining ideas and methods from psychology, computer science, linguistics, philosophy, neuroscience and so on. Cognitive Science Research Initiative (CSRI) of Department of Science and Technology (DST) is aimed at revolutionizing 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 cognition based software technologies and devices, among others.

DST seeks proposal in active areas of Cognitive Science research that includes emotions, language, memory, visual perception & cognition, thinking & reasoning, social cognition, decision making, artificial intelligence, computational modeling of cognitive processes, psychology, cognitive development and other important components derived from work in neurosciences, philosophy, linguistics, anthropology, etc. The major aim is to characterize the nature of human knowledge- its forms and content- and how that knowledge is used, processed, and acquired.

Aiming to promote and intensify cutting-edge research in Cognitive Science, DST invites 'Individual Research Proposal' and 'Application for CSRI-PDF' for 2017-18. The details of both these components of CSRI are as follows:

### **(i) Individual Research Proposal for 2017-18:**

Scientists/academicians with research background in Cognitive Science and having regular positions are invited to participate in Cognitive Science Research Initiative. Interested persons are required to submit research proposals in their area of expertise along with Endorsement Certificate from the Head of the Institution and detailed bio-data of Principal Investigator (PI) and Co-PI(s). The project proposal format is available on the 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.

**How to apply:** DST has started e-PMS (onlinedst.gov.in) for online submission of research proposal. Principal Investigator has to register at this portal and then upload the proposal in the given format. Format of CSRI Individual Proposal is available on e-PMS under KIRAN Division and at DST website. Two (2) hardcopies of submitted research proposal should also be sent to Dr Vandana Singh, Scientist, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi-110016, by Speed Post. The envelope should be superscribed with "Cognitive Science Research Initiative (CSRI)".

## **(ii) Post Doctoral Fellowships for 2017-18:**

Applications are invited for the award of "CSRI-Post-Doctoral 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 from where the candidates have earned their PhD degree. Each fellow would be entitled to a Fellowship of Rs.55,000/- per month and research Contingency Grant of Rs.2,00,000/- per year.

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

**How to apply:** DST has started e-PMS (onlinedst.gov.in) for online submission of research proposal. Principal Investigator has to register at this portal and then upload the proposal in the given format. Application Format of "CSRI-Post Doctoral Fellowship (CSRI-PDF)" is available on e-PMS under KIRAN Division and at DST website. Two (2) hardcopies of submitted research proposal should also be sent to Dr Vandana Singh, Scientist, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi-110016, by Speed Post. The envelope should be superscribed with "CSRI-PDF".

**Last Date of Submission for both (i) & (ii): 30 June 2017.**