

**PARTICIPANT FORM for the SUMMER SCHOOL**

**Constructivism and Enaction**

**A new paradigm for Cognitive Science**

**FIRSTNAME : Nivedita**

**NAME : GANGOPADHYAY**



Photography

**I. - SITUATION**

**Status :**  University teacher  Research scientist  Thesis student  Post-doc  Other :

**University/ Laboratory :** Institut Jean Nicod/EHESS

**Website labo/perso :** [www.institutnicod.org](http://www.institutnicod.org)

**Special information(s) (article, scientific responsibility, participation to research projects, other...):** articles: Casati R. & Gangopadhyay N. 2005. Objects do not come for free: Sensory substitution interfaces provide new work for the sensorimotor approach. Presentation at the 2<sup>nd</sup> International Conference on Enactive Interfaces, Genoa.

Gangopadhyay N.2006. The Embodied Machine: Autonomy, Imagination and Artificial Agents. In *Proceedings of the AISB'06 Convention : Adaptation in Artificial and Biological Systems*. Bristol, UK.

Participation in the ENACTIVE Network of Excellence since 2003. [www.enactivenetwork.org](http://www.enactivenetwork.org)

Recipient of the ENACTIVE Network Mobility Fellowship awarded in 2006.

Participant (2005-2006) in the guest panel (Art and Cognition Workshops) of the on-line workshop Interdisciplines. [www.interdisciplines.org/artcognition](http://www.interdisciplines.org/artcognition)

### **III. – RESEARCH THEME**

*Please indicate briefly (10 lines max) your themes of research, and 4 or 5 key words*

Key words: perception, action, situatedness, lived experience.

I am at present pursuing my doctoral studies in the field of “action-oriented theories” of perception i.e. the theories that seek to understand and explain the phenomenon of perception in the light of its observed links with action. My research, governed primarily by a philosophical perspective, specifically addresses the issue of a general framework incorporating the various action-oriented theories that can provide clear characterization of the notion of “action” employed by these theories. Since the action-oriented theories of perception seek to understand the links between action and perception by considering the perceiver as necessarily situated in a particular environment and possessing a particular psycho-physical apparatus, the notions of embodiment and of the perceiver enacting her world of experience are crucial topics in my research.

### **III. – VIDEOS AND EXPERIMENTAL MATERIAL**

*Moments of relaxation might be the occasion to share and show original scientific video documents (not too long) or experimental material (which could be used by all the participants). A video party and an experimental demonstration session have been planned. Could you indicate video or experimental material you would like to present.*

**Videos :**

**Experimental demonstration :**