



**Pondicherry University - School of Life Sciences**

**CENTRE FOR BIOINFORMATICS**

**2007-08 Seminar Series**

**Wednesday, February 06, 2008**

***“An introduction to the neuronal aspects of plant life”***

**Dr. Gitanjali Yadav**

National Institute for Plant Genome Research, New Delhi

Plant neurobiology is a newly emerging field of plant sciences. It covers signaling and communication at all levels of biological organization, from molecules upto ecological communities. Plants are intelligent social organisms with complex forms of information processing. They are able to recognize the identity of herbivores and organize defense responses accordingly. Insights into plant immune system, the ability of plants to recognize self, their signal transduction and neurophysiology, can stimulate further intense investigations of communicative plants in their whole complexity. The focus of this talk will be on the use of computational biology as a unique approach to address questions pertaining to hidden aspects of plant behavior.

**All are welcome**

Seminar will be held in COMPUTER SCIENCE SEMINAR HALL in Science & Humanities Block II at 11:30 A.M.

Refreshments will be served outside of Seminar Hall at 11:15 a.m.

For additional information, contact Seminar coordinator Dr. D. Sundar