Brain, Computation and Data Science @ IISc

- Theme – **AI for Neuroscience and Neuroscience for AI**

- Multi-disciplinary investigations into understanding brain function and engineering AI systems

- A group of more than 30 faculty members from eight different departments.

- More info: https://brain-computation.iisc.ac.in/

- A generous endowment by Pratiksha Trust

    Kris Gopalakrishnan and Sudha Gopalakrishnan

Many activities supported
- Visiting Chair professorships,
- Broad-based as well as focussed Workshops
- Seed grants for Expedition Projects
- Travel Fellowships to Students

Current Visiting Chair Professors

Shihab Shamma
University of Maryland
K. Vaidyanathan Chair Professor

Vasant Honavar
Pennsylvania State University
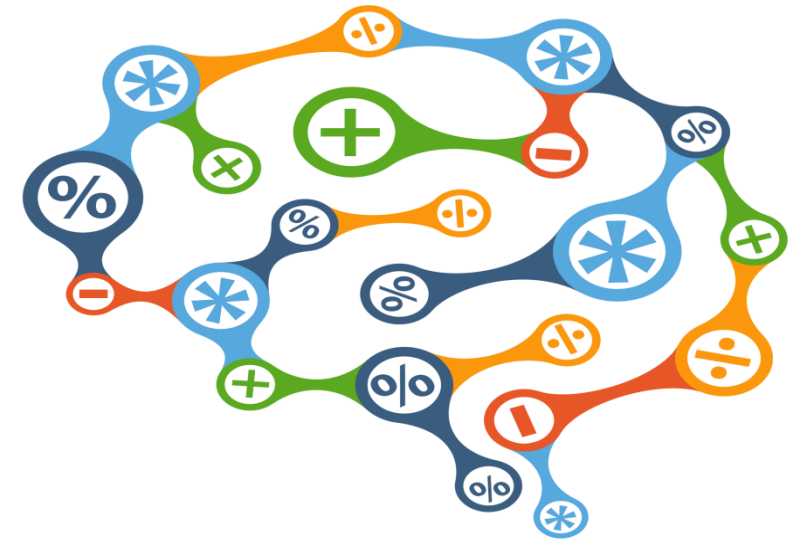*Sudha Murty Chair Professor*

Christos Papadimitriou
Columbia University
Pratiksha Trust Chair Professor

Current Initiatives

- **Young Investigators** Selected assistant professors supported with a research grant and a fellowship for two years.
- **Exploratory Projects** Seed funding (Rs.10 Lakhs for one year)
- **BCL Events** Week long annual Int Workshops.
  (Jan 2017, Jan 2018, June 2019)
- **International Visitors and Collaborations** (CMU, Penn State, Western Sydney, UCL, U-Wash (St Louis), Columbia)
- **Travel Fellowships** Support students for attending international conferences, workshops.

Interdisciplinary Ph.D. Program on Brain and AI

- To attract students interested in this *inherently* multi-disciplinary field and to train them in the foundations of **_both_** neuroscience & AI:

- First batch of students being admitted this year

- The thesis to have both computational as well as neuroscience aspects

- Two faculty members to act as co-supervisors

Thank You