



AI @ IISc

Artificial Intelligence Research at IISc, Bangalore

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Striving for Excellence: From Theory to Practice

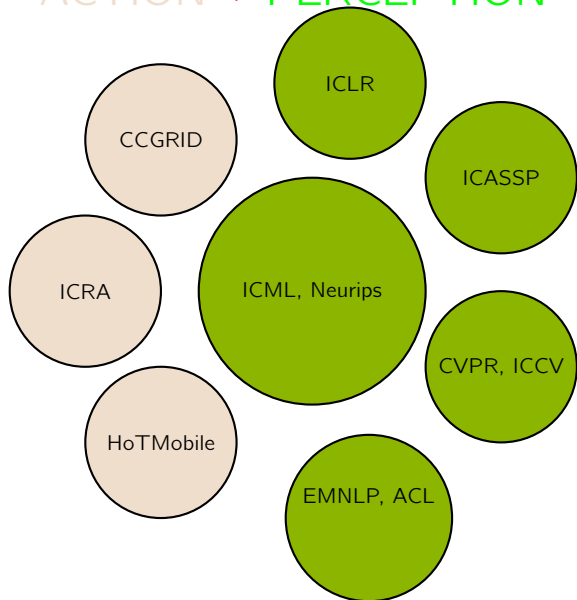
AI @ IISc: A Pioneer

Did you know?

- ▶ Survey of Clustering co-authored by Prof, M. N. Murty has over 13,000 citations
- ▶ First papers in NIPS from India came out of IISc
- ▶ First course in Pattern recognition was offered in '70s in CSA Dept
- ▶ Transformative Applications: Strand Lifesciences

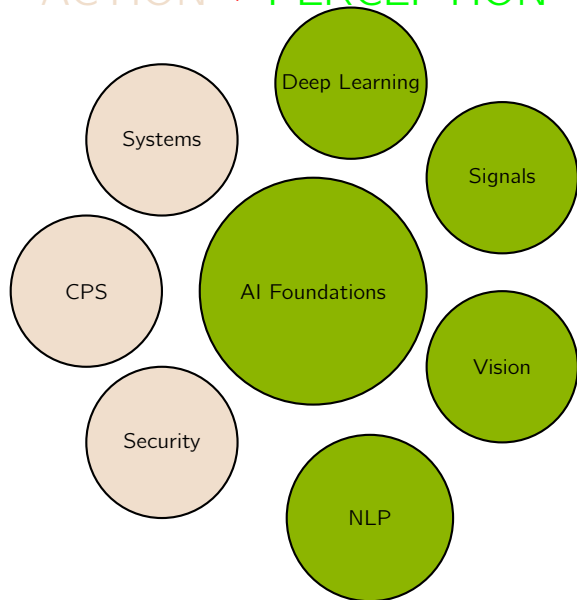
AI @ IISc: An unique blend

ACTION + PERCEPTION



AI @ IISc: An Unique blend

ACTION + PERCEPTION



Recent Research Highlight

Zero-shot Word Sense Disambiguation using Sense
Definition Embeddings

Sawan Kumar, Sharmistha Jat, Karan Saxena, Partha
Talukdar

Outstanding paper award at ACL 2019

Faculty Profile

30 + faculty members from



Faculty Profile: Best Universities in the Globe



OTHERS

Expertise

- ▶ Machine Learning
- ▶ Data Platforms
- ▶ Communications
- ▶ Algorithms
- ▶ Edge Devices

⋮

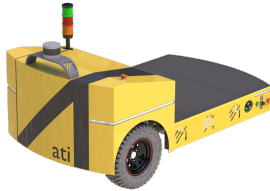


Meet us: We are Autonomous

Multi-disciplinary effort at IISc



DAAKIA



SHERPA



STOCH

We won Technology
Innovation Hub on Robotics

Pedagogy: The Pioneering role of IISc

Masters in AI: EECS Division wide program

IISc to offer MTech in Artificial Intelligence



Reshma Ravishanker, DHNS, Bengaluru, MAR 25 2019, 00:21 IST | UPDATED: MAR 25 2019, 00:44 IST

- ▶ Critical Shortage of High Quality AI workforce in the country
- ▶ Tremendous demand from students

Engaged with Industry

Grateful to Industry for supporting our research



- ▶ Data Science
- ▶ Autonomous Vehicles
- ▶ Health Care
- ▶ Computer Vision
- ▶ Text Analytics
- ▶ Computer Systems

OTHERS



Supercharging the Deep Tech Startup Ecosystem



Friday, October 25th, 2019

J N Tata Auditorium, IISc

Bangalore

9.30 AM - 6 PM



Supercharging the Deep Tech Startup Ecosystem



- ▶ A celebratory event
- ▶ More than 50 early stage startup companies co-founded by IISc Alumni in Bengaluru
- ▶ Growing interest from VCs

J N Tata Auditorium, IISc

Bangalore

9.30 AM - 6 PM

What can Machine Learning do for Karnataka?

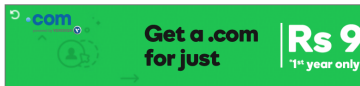
Co-chaired a Task group on Machine Intelligence for the State of Karnataka

- ▶ By invitation only
- ▶ A new center is being started in IIITB

DH

DECCAN HERALD

Monday 18 September 2017
News updated at 8:51 PM IST



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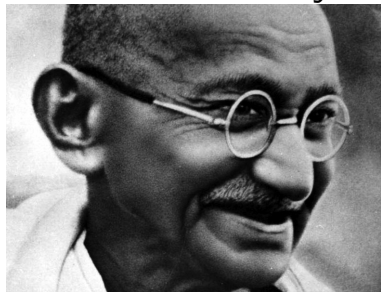
India's first multi-faceted artificial intelligence centre to come up in B'luru

Realizing the promise of AI

- ▶ new research areas to achieve the transformative potential of AI –Impact Basic Sciences
- ▶ Strengthen Deep Tech Eco-System
- ▶ Make IISc a Technology Hub in AI –Autonomous Systems
- ▶ About to launch an Masters level certification program for Industry professionals

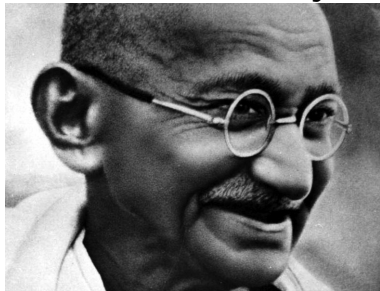
Invitation to Travel [Unpathed Waters, Undreamed Shores](#)

The future depends on what we do today



Invitation to Travel [Unpathed Waters, Undreamed Shores](#)

The future depends on what we do today



PLEASE APPLY NOW !!!