

Naganand Yadati

✉ naganand@iisc.ac.in
Google Scholar

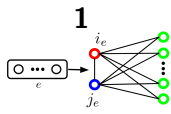
Education

2016–ongoing **Ph.D**, *Department of CSA*, Indian Institute of Science, Bangalore,
Thesis: Deep Learning over Hypergraphs.

Advisors: Prof. Partha Talukdar, Prof. Arnab Bhattacharyya

2014–2016 **Master of Technology**, *International Institute of Information Technology.*

Hypergraph Publications



HyperGCN: A New Method For Training Graph Convolutional Networks on Hypergraphs,

Naganand Yadati, Madhav Nimishakavi, Prateek Yadav, Vikram Nitin, Anand Louis, and Partha Talukdar,

In *Advances in Neural Information Processing Systems (NeurIPS)* 2019,

[slides](#) | [code](#).



NHP: Neural Hypergraph Link Prediction,

Naganand Yadati, Vikram Nitin, Madhav Nimishakavi, Prateek Yadav, Anand Louis, and Partha Talukdar,

In *Proceedings of the ACM Conference on Information & Knowledge Management (CIKM)* 2020,

[slides](#) | [code](#).



Neural Message Passing for Multi-Relational Ordered and Recursive Hypergraphs,

Naganand Yadati,

In *Advances in Neural Information Processing Systems (NeurIPS)* 2020.

Tutorial



Graph-based Deep Learning in Natural Language Processing,

Shikhar Vashishth, Naganand Yadati, and Partha Talukdar,

In *Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing (EMNLP-IJCNLP): Tutorial Abstracts*

CoDS-COMAD 2020: 7th ACM IKDD CoDS and 25th COMAD,

[slides](#) | [code](#) | [video part 1](#) | [video part 2](#).

Reviewer

2021 **ICLR, AACL.**

2020 **NeurIPS, ECML-PKDD, ICLR.**

Awards

2020 **Top 10% Reviewer for NeurIPS 2020.**

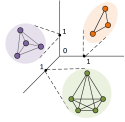
2019 **Google Travel Grant for NeurIPS 2019.**

2013 **Summer School Award for Algorithmic Problem Solving.**

Teaching Assistant

2018 **Linear Algebra and Applications.**

Other Publications



Lovasz Convolutional Networks,

Prateek Yadav, Madhav Nimishakavi, Naganand Yadati, Shikhar Vashishth, Arun Rajkumar, and Partha Talukdar, In International Conference on Artificial Intelligence and Statistics (AISTATS) 2019, [code](#).



KVQA: Knowledge-Aware Visual Question Answering,

Sanket Shah, Anand Mishra, Naganand Yadati, and Partha Talukdar, In The Thirty-Third AAAI Conference on Artificial Intelligence (AAAI) 2019, [website](#).

Manuscripts Under Review

- 1) **Graph Neural Networks for Soft Semi-Supervised Learning on Hypergraphs.**

Naganand Yadati, Tingran Gao, Shahab Asoodeh, Partha Talukdar, and Anand Louis

- 2) **HEAL: Embedding Multi-Layer Hypergraphs.**

Naganand Yadati, Tarun Kumar, Deepak Maurya, Partha Talukdar, and Balaraman Ravindran