

# Naganand Yadati

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Google Scholar

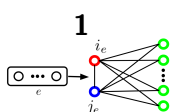
## Education

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](#).

## Program Committee Member

2021 **ICML, ICLR, AAAI.**

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.**

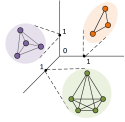
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## Teaching Assistant

2018 **Linear Algebra and Applications.**

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## 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](#).

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## 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