

Pankaj Pansari

Assistant Professor, Plaksha University

<https://pankajpansari.github.io/>

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EDUCATION

- **Oxford University** Oxford, UK
PhD in Optimization and Machine Learning under Prof. M. Pawan Kumar *Oct 2015 – Jan 2019*
 - Designed new combinatorial algorithms for accurate inference in graphical models for semantic segmentation, image denoising, and stereo matching ([Thesis](#)).
 - Developed proofs for strong theoretical guarantees of the designed algorithms. Implemented high performance code in C++. . Funded by Google PhD Scholarship.
- **Alan Turing Institute** London, UK
PhD Enrichment Year Student *Sep 2016 - Sep 2017*
- **Indian Institute of Technology** Kharagpur, India
Bachelor and Master of Technology in Electrical Engineering *Jul 2007 – Apr 2012*

EXPERIENCE

- **Plaksha University, India** *Jan 2024 - Present*
Assistant Professor
- **Career Break** *Nov 2020 - Dec 2023*
Health and Well-being
- **Naver Labs Europe, France** *May 2019 - Oct 2020*
Research Scientist
- **General Electric, India** *Jul 2012 - Jul 2015*
Data Analyst

PUBLICATIONS

- “Linear Programming-based Submodular Extensions for Marginal Estimation”, Pankaj Pansari, Chris Russell, and M. Pawan Kumar, Computer Vision and Image Understanding, 2019 [[Paper](#)]
- “Worst-case Optimal Submodular Extensions for Marginal Estimation”, Pankaj Pansari, Chris Russell, and M. Pawan Kumar, Conference on Artificial Intelligence and Statistics (AISTATS), 2018 [[Paper](#)]
- “Truncated Max-of-Convex Models”, Pankaj Pansari and M. Pawan Kumar, CVPR, 2017 [[Paper](#)]
- “Grouping Entities in a Fleet by Community Detection in Network of Regression Models”, Pankaj Pansari, C. Rajagopalan, Ramasubramanian Sundararajan, 3rd International Conference on Business Analytics and Intelligence, 2015 [[Paper](#)]