

# Stanford

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## Aparajita Khan

Postdoctoral Scholar, Neurosurgery

 Curriculum Vitae available Online

### CONTACT INFORMATION

- **Alternate Contact**

Aparajita Khan

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### Bio

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### HONORS AND AWARDS

- First Prize in 10th IDRBT Doctoral Colloquium, IDRBT, Hyderabad, India (December, 2020)
- Best Paper Award in IEEE CINE Conference, KIIT, Odisha, India (October, 2017)
- Ph. D Dissertation Fellowship, Indian Statistical Institute (July, 2015)
- University Gold Medal, Jadavpur University, Kolkata, India (December, 2015)

### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Indian Statistical Institute (2022)
- Master of Technology, Jadavpur University (2015)
- Bachelor of Engineering, University Of Burdwan (2012)

### STANFORD ADVISORS

- Summer Han, Postdoctoral Faculty Sponsor

### LINKS

- GitHub Homepage: <https://aparajita-k.github.io/>
- GitHub Source Code Repository: <https://github.com/Aparajita-K>
- Google Scholar: <https://scholar.google.com/citations?user=2c-EW9oAAAAJ&hl=en>

### Publications

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### PUBLICATIONS

- **Approximate Graph Laplacians for Multimodal Data Clustering** *IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE*  
Khan, A., Maji, P.  
2021; 43 (3): 798-813
- **Multi-Manifold Optimization for Multi-View Subspace Clustering** *IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS*  
Khan, A., Maji, P.

2021

- **Selective Update of Relevant Eigenspaces for Integrative Clustering of Multimodal Data.** *IEEE transactions on cybernetics*  
Khan, A., Maji, P.  
2020; PP
- **Low-Rank Joint Subspace Construction for Cancer Subtype Discovery** *IEEE-ACM TRANSACTIONS ON COMPUTATIONAL BIOLOGY AND BIOINFORMATICS*  
Khan, A., Maji, P.  
2020; 17 (4): 1290-1302
- **Principal Subspace Updation for Integrative Clustering of Multimodal Omics Data** *International Conference on Computational Intelligence and Networks (CINE)*  
Khan, A., Maji, P.  
IEEE.2017: 99-104

## PRESENTATIONS

- Integrative Clustering of Multi-View Data: Subspace Clustering, Graph Approximation to Manifold Learning - Indian Statistical Institute (November 19, 2021)