



Pratik Kumar Mishra

Nationality: Indian **Date of birth:** 28 Mar 1993 **Gender:** Male

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🌐 **Website:** <https://pratikmishra.github.io/> 💬 **Github :** <https://github.com/PratikMishra>

📍 **Address:** Toronto (Canada)

WORK EXPERIENCE

Research Volunteer

KITE, Toronto Rehabilitation Institute, University Health Network, Canada [Jul 2020 – Dec 2020]

Teaching Assistant

Indian Institute of Technology Indore, India [Jul 2018 – Jul 2020]

Data Management Support Specialist

IBM India Private Limited, India [Jul 2015 – Jul 2018]

EDUCATION AND TRAINING

Ph.D. in Biomedical Engineering

University of Toronto, Canada [Jan 2021 – Current]

MS in Computer Science and Engineering

Indian Institute of Technology (IIT) Indore, India [Jul 2018 – Oct 2020]

Bachelor of Technology in Computer Science and Engineering

Biju Patnaik University of Technology, India [May 2011 – May 2015]

SCIENTIFIC CONTRIBUTIONS

Journal Publications:

1. S. S. Khan, Pratik K. Mishra, Nizwa Javed, Bing Ye, Kristine Newman, Alex Mihailidis, Andrea Iaboni. [Unsupervised Deep Learning to Detect Agitation From Videos in People With Dementia](#), IEEE Access, vol. 10, pp. 10349-10358, January 2022. (IF: 3.367)
2. Pratik K. Mishra, C. Gautam, A. Tiwari. [Minimum Variance-Embedded Auto-associative Kernel Extreme Learning Machine for One-class Classification](#). Neural Computing and Applications, pp.1-15, September 2021 (Springer). (IF: 5.606)
3. C. Gautam, A. Tiwari, Pratik K. Mishra, S. Suresh, A. Iosifidis, M. Tanveer. [Graph-Embedded Multi-layer Kernel Ridge Regression for One-class Classification](#), Cognitive Computation, January 2021 (Springer). (IF: 5.418)
4. C. Gautam, Pratik K. Mishra, A. Tiwari, B. Richhariya, H. M. Pandey, S. Wang, M. Tanveer. [Minimum Variance-Embedded Deep Kernel Regularized Least Squares Method for One-class Classification and Its Applications to Biomedical Data](#), Neural Network, vol. 123, pp. 191-216, March 2020 (Elsevier). (IF: 8.050)

Oral Research Presentations:

1. [Canadian AI Graduate Student Symposium 2022](#).
2. University of Toronto Three Minute Thesis 2022 Competition.

HONOURS AND AWARDS

2021-22 Wildcat Graduate Scholarship

University of Toronto [Sep 2021]

GATE Scholarship

Government of India [Jul 2018]