

Dr. Nirbhay Tagore

(Assistant Professor)

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Experience

Assistant Professor

Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, India

May 2023 – Present

Assistant Professor

Bennett University, Gr. Noida, India

November 2021 – May 2023

Teaching Assistantship

Indian Institute of Technology (BHU), Varanasi, India

December 2017 - November 2021

Academic Qualifications

Ph. D. in Computer Science and Engineering

2017-21

Indian Institute of Technology (Banaras Hindu University), Varanasi, India

Defence - March 30, 2022 | *Submission and Award Date* – November 10, 2021

M. Tech. in Computer Science and Engineering

2015-17

National Institute of Technology, Patna, Bihar, India

B. Tech. in Computer Science and Engineering with

2011-15

Dr. APJ Abdul Kalam University (*formerly* UPTU), Lucknow, India

National Level Examinations

- Qualified Graduate Aptitude Test in Engineering (GATE) – **2015 and 2017**
- Qualified UGC National Eligibility Test (NET) for Assistant Professor – **November 2017**

Publications

Journals

1. **Nirbhay K. Tagore**, Pratik Chattopadhyay, and Lipo Wang. “T-MAN: a neural ensemble approach for person re-identification using Spatio-temporal information.” *Multimedia Tools and Applications* 79, no. 37 (2020): 28393-28409. Springer (**SCI IF: 2.75**)
2. **Nirbhay K. Tagore**, Ayushman Singh, Sumanth Manche, and Pratik Chattopadhyay. “Person re-identification from appearance cues and deep Siamese features.” *Journal of Visual Communication and Image Representation* 75 (2021): 103029, Elsevier (**SCI IF: 2.67**)
3. **Nirbhay K. Tagore** and Pratik Chattopadhyay. “A Bi-Network Architecture for Occlusion Handling in Person Re-Identification.” *Signal, Image and Video Processing* (**SCI IF: 2.15**)
4. **Nirbhay K. Tagore**, Pratishtit Raj and Pratik Chattopadhyay, “Deep pixel regeneration for occlusion reconstruction in person re-identification”. *Multimedia Tools and Applications* (**SCI IF: 2.75**)

Conference

1. **Nirbhay Kumar Tagore**, and Arnab Mondal. "SCap Net: A Capsule Network Based Approach for Person Re-identification." In Proceedings of the Global AI Congress 2019, pp. 133-144. Springer, Singapore, 2020. **(SCOPUS)**
 2. **Nirbhay Kumar Tagore**, Pratik Chattopadhyay, "SMSNet: A novel multi-scale Siamese model for person re-identification." In: Proceedings of the 17th International Joint Conference on e-Business and Telecommunications Volume 1: SIGMAP pp. 103–112. INSTICC, SciTePress (2020). DOI 10.5220/0009885001030112 **(SCOPUS)**
 3. Shashank Kumar Singh, and **Nirbhay Kr. Tagore**. "UNDERWATER BASED ADHOC NETWORKS: A brief survey to its challenges, feasibility and issues." In 2019 2nd International Conference on Signal Processing and Communication (ICSPC), pp. 20-25. IEEE, 2019. **(SCOPUS)**
 4. **Nirbhay Kumar Tagore**, and Shashank Kumar Singh. "Crowd counting in a highly congested scene using deep augmentation based convolutional network." In International Conference on Advances in Engineering Science Management & Technology (ICAESMT)-2019, Uttarakhand University, Dehradun, India. 2019.
 5. **Nirbhay Kumar Tagore**, Ramakant Kumar, Naina Yadav, and Ankit Kumar Jaiswal. "Occlusion Reconstruction for Person Re-identification." In Proceedings of Data Analytics and Management: ICDAM 2022, pp. 161-172. Singapore: Springer Nature Singapore, 2023. **(SCOPUS)**
 6. Ankit Kumar Jaiswal, Shiksha Singh, Santosh Kr Tripathy, **Nirbhay Kr Tagore**, and Arya Shahi. "Some Methods for Digital Image Forgery Detection and Localization." In Proceedings of Data Analytics and Management: ICDAM 2022, pp. 119-127. Singapore: Springer Nature Singapore, 2023. **(SCOPUS)**
 7. Harpreet Kaur, Khusdeep Kaur, Ramakant Kumar, and **Nirbhay Kr. Tagore**. "Leveraging Smart Sensors for Human Function Traceability." In 2023 International Conference on Advancement in Computation & Computer Technologies (InCACCT), pp. 744-749. IEEE, 2023.
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Teaching Interests:

C Programming, Python Programming, DataBase Management System, Operating System, Digital Image Processing and Computer Vision, Pattern Recognition, Theory of Computation