Nirbhay Kumar Tagore
Research Scholar @IIT (BHU), Varanasi

Contact Details

Contact No.
(+91)9118210234

(+91)7376682945

Email
nirbhaykrtag.rs.cse17@iitbhu.ac.in

nirbhayaith@gmail.com

Webpage
https://nirbhaybhu.github.io/web

Technical Skills

Programming Languages
C, Java, C#, Python

Internet Programming
HTML, CSS, JavaScript, PHP, ASP.NET Web Forms

Databases
MS SQL Server, MySQL, Oracle

Operating System & Tools
Win [XP-10], Linux[Ubuntu, CentOS], Win Server [2008], Visual Studio, Eclipse, MATLAB, ANACONDA

Area of Interest
Programming, Data Structure, DBMS, Image Processing and Computer Vision

Additional
Latex, Pytorch, Tensorflow

Achievements and Awards

Scores
- Qualified GATE 2015, 2017
- Qualified UGC Net December 2017

Certifications
- Training in JavaSE programming on JDK1.6 from July 18-25, 2012
- Summer training program from 10th June to 30th July 2014

Awards and Winner
- Member of Runner up team in National Handball in 2006
- Member of Winner Cricket team in College Games in B. Tech.

Objective: An enthusiastic, adaptive and fast learning person with acute interest in digital image processing and keen inclination towards introducing innovative AI mechanisms for Person Re-Identification. I would like to join an organization who offers me a consistent positive atmosphere to enhance my expertise in digital image processing, and Deep Learning and implement new technologies for the betterment of the organization.

Education
- **2017- Pursuing: Ph. D.** in **Computer Science and Engineering** (Specialization: Image Processing and Computer Vision) with 9.8 CGPA from Indian Institute of Technology (Banaras Hindu University), Varanasi, India.
- **2015-17: M. Tech.** in **Information and Technology** from Computer Science and Engineering Department with 7.73 CGPA from National Institute of Technology, Patna, India.
- **2011-15: B. Tech.** in **Computer Science and Engineering** with 63.24% from Dr. APJ Abdul Kalam University (*formerly* UPTU), Lucknow, India.
- **2011: XII**th from UP State Board, Prayagraj, India with 70%
- **2009: X**th from Central Board of Secondry Education, India with 81%

Publications

Journals
- Nirbhay Kumar 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.
- Nirbhay Kumar 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.
- Nirbhay Kumar Tagore and Pratik Chattopadhyay. "A Bi-Network Architecture for Occlusion Handling in Person Re-Identification." Signal, Image and Video Processing (Communicated)

Conferences
- 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, Uttaranchal University, Dehradun, India. 2019.
- 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.
- 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
- Shashank Kumar Singh, and Nirbhay Kumar 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.

Workshops and Conferences attended
- Attended ICVGIP 2018 held at IIIT Hyderabad between 18-22 December 2018
- ICAESMT19 Conference 14th to 15th March 2019 Dehradun, Uttarakhand, India-Uttaranchal university
- Global AI Congress 2019 at Kolkata in August 2019
- 17th International Conference on Signal processing and Multimedia Applications (SIGMAP 2020)

Extracurricular Activities
- Attended One week short term course on Foundation of Data Security at National Institute of Technology Patna from February 16-20, 2016
- Participated in Expert Lecture Series on Distributed Computing organized under ICT Academy at National Institute of Technology, Patna during June 1-5, 2016
- Participated in CEP organizes at IIT BHU Varanasi in December 2018
- Coordinated as volunteer in SWMDC 2018 at Indian Institute of Technology (BHU), Varanasi, in June 2018.
- Coordinated as volunteer in Faculty Development Program on Machine Learning in Image and Video Analytics at Indian Institute of Technology (BHU), Varanasi in December 2018.

Personal Information
Parents Name: Mr. B. S. Tagore and Mrs. Roopa Tagore
Date of Birth: June 4th, 1993
Language Known: Hindi and English
Address: 121, A S N Bose Hostel, IIT (BHU), Varanasi 221005

References
Dr. Pratik Chattopadhyay
Assistant Professor, Department of Computer Science and Engineering
Indian Institute of Technology (BHU), Varanasi 221005
Email: pratik.cse@iitbhu.ac.in **Contact No**: (+91)9565571744

Dr. M. P. Singh
Associate Professor, Department of Computer Science and Engineering
National Institute of Technology, Patna 800005
Email: mps@nitp.ac.in **Contact No**: (+91)9431200106