

Ankit Kumar Jaiswal

Research Scholar @IIT (BHU), Varanasi

Contact Details

Contact No.

(+91)9415349235

Email

ankitrjaiswal.rs.cse17@iitbhu.ac.in
ankit1511@hotmail.com

Webpage

<https://ankit1511.github.io/webpage>

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], Win
Server [2008], Mac OS, Visual Studio,
Eclipse, MATLAB, ANACONDA

Area of Interest

Programming, Data Structure, DBMS,
Image Processing and Computer Vision

Additional

MS office, Adobe Photoshop

Achievements and Awards

Scores

- Qualified GATE 2014, 2017
- Qualified UGC JRF and Assistant Professor - June 2020

Certifications (MCSO)

- 70-483: Programming in C#
- 70-484: Essentials of Developing Windows Store Apps using C#
- 70-485: Advanced Windows Store App Development using C#

Awards

- Secured second position in Blind Coding event at NIET Ebullience-12, Gr. Noida.
- Secured second position in Hackthon (Internet Security) event at NIET Faction-13, Gr. Noida.
- Secured the semifinal round in PRGYAAN 2.0(G.K. Quiz) in 2011 at Chitkara University (Punjab)

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

Education

- **2017- Pursuing: Ph. D.** from Indian Institute of Technology (Banaras Hindu University), Varanasi, India in Computer Science and Engineering (Specialization: Image Processing and Computer Vision) with 9.0 CGPA.
- **2015-17: M. Tech.** from Madan Mohan Malaviya University of Technology (*formerly* MMMEC), Gorakhpur, India in Computer Science and Engineering with 7.94 CGPA.
- **2010-14: B. Tech.** from Dr. APJ Abdul Kalam University (*formerly* UPTU), Lucknow, India in Computer Science and Engineering with 71.62%.
- **2009: XIIth** from UP State Board, Prayagraj, India with 68%
- **2007: Xth** from UP State Board, Prayagraj, India with 69%

Publications

Journals

- Ankit Kumar Jaiswal, Rajeev Srivastava, "A Technique for Image Splicing Detection Using Hybrid Feature Set" Multimedia Tools and Applications (2020) 79:11837–11860, <https://doi.org/10.1007/s11042-019-08480-6> (SCI)
- Ankit Kumar Jaiswal, Rajeev Srivastava, "Time Efficient Spliced Image Analysis Using Higher-Order Statistics" Machine Vision and Applications 31, 56 (2020). <https://doi.org/10.1007/s00138-020-01107-z> (SCI)
- Ankit Kumar Jaiswal, Rajeev Srivastava, "Forensic image analysis using inconsistent noise pattern" Pattern Analysis and Applications (2020). <https://doi.org/10.1007/s10044-020-00930-4> (SCI)

Conferences

- Jaiswal, Ankit Kumar, and Rajeev Srivastava. "Copy-Move Forgery Detection Using Shift-Invariant SWT and Block Division Mean Features." In Recent Trends in Communication, Computing, and Electronics, pp. 289-299. Springer, Singapore, 2019.
- Jaiswal, Ankit Kumar, and Rajeev Srivastava. "Image Splicing Detection using Deep Residual Network." In Proceedings of 2nd International Conference on Advanced Computing and Software Engineering (ICACSE). 2019.
- Jaiswal, Ankit Kumar, Dhanin Gupta, and Rajeev Srivastava. "Detection of Copy-Move Forgery Using Hybrid approach of DCT and BRISK." In 2020 7th International Conference on Signal Processing and Integrated Networks (SPIN), pp. 471-476. IEEE, 2020.
- Mehta, Vikas, Ankit Kumar Jaiswal, and Rajeev Srivastava. "Copy-Move Image Forgery Detection Using DCT and ORB Feature Set." In International Conference on Futuristic Trends in Networks and Computing Technologies, pp. 532-544. Springer, Singapore, 2019.

Experience

- June 2014 – July 2015: Assistant Programmer at Sun Integrated Technologies and Applications, New Delhi
- July 2015 – May 2017: Teaching Assistant at MMM University of Technology, Gorakhpur.
- July 2017 – Pursuing: Teaching Assistant at IIT (BHU), Varanasi

Workshops and Conferences attended

- A workshop on Ethical Hacking of Level 1 & 2 by Sunny Vaghela at Galgotia College of Engineering and Technology, Greater Noida in March 2012.
- International Research Workshop on Cloud Computing at Jawahar Lal Nehru University (JNU), New Delhi in December 2016.
- A short-term course on Advances of Computation Technology of 7 days at MMM University of Technology, Gorakhpur in February 2017.
- Wavelets and their Application in Signal and Image Processing by Global Initiative for Academic Networks at IIT (BHU), 21 December 2017 to 25 December 2017.
- Media Security and Forensics by Global Initiative for Academic Networks at IIT Indore, 26 March 2018 to 06 April 2018.
- International Conference on Emerging Trends in Communication, Computing and Electronics (IC3E-2018), 13-15 April 2018 at J. K. Institute of Applied Physics and Technology, Allahabad
- A short-term course on Machine Learning in Image and Video Analytics at IIT (BHU), 03 December 2018 to 09 December 2019.
- 7th International Conference on Signal Processing and Integrated Networks (SPIN) 26-27 February 2020 at Amity University, Noida.

Extracurricular Activities

- Actively participated in College Event Ebullience and Faction in NIET, Gr. Noida.
- Coordinated as volunteer in National Level Student Symposium at NIET (Technovision-2K12).
- Coordinated as volunteer in Annual Technical Event Ebullience-14, NIET Gr. Noida.
- Participated as committee member of 2nd National Level Kabaddi Tournament 2016 at MMM University of Technology, Gorakhpur in November 2016.
- Coordinated as volunteer in Short Term Course on Advances of Computation Technology at MMM University of Technology, Gorakhpur in February 2017.
- Department Representative in Poster Presentation event on the occasion of Institute Day event at IIT (BHU), Varanasi in January 2018.
- Department Representative in Poster Presentation event on the occasion of Centenary Celebration at IIT(BHU), Varanasi in February 2019.
- Organized a student level Quiz competition on the occasion of Nation Education Day 2019 in the department of CSE at IIT (BHU), Varanasi.
- Member of Department Post-graduate Committee in Department of Computer Science and Engineering, IIT (BHU) Varanasi during session 2019-20 and 2020-21.
- Training and Placement Representative of Department of Computer Science and Engineering at IIT (BHU), Varanasi during session 2020-21.

Personal Information

Father's Name: Mr. Rajnarayan Gupta

Mother's Name: Mrs. Arti Jaiswal

Date of Birth: November 15th, 1991

Address: Room No. 59, ASN Bose Hostel, IIT (BHU), Varanasi, India 221005

Nationality: Indian

Language Known: Hindi and English