

Ankit Kumar Jaiswal

Assistant Professor @AIIE, Ahmedabad



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Objective: Secure a responsible career opportunity to utilize my research skills, while making a significant contribution to the success of the institution.

Experience

Assistant Professor Adani Institute of Education and Research, Ahmedabad	July 2021-Present
Teaching Assistantship Indian Institute of Technology (BHU), Varanasi	July 2017- June 2021
Assistant Programmer Sun Integrated Technologies and Applications, Delhi	June 2014- July 2015

Qualifications

Ph. D. in Computer Science and Engineering with 9.0 CGPA Indian Institute of Technology (Banaras Hindu University), Varanasi, India Thesis Title: Design and Development of Some Approaches for Digital Image Forgery Detection and Localization Ph. D. Status: Thesis Submitted on July 14, 2021	2017-21
M. Tech. in Computer Science and Engineering with 7.94 CGPA Madan Mohan Malaviya University of Technology (<i>formerly</i> MMMEC), Gorakhpur, India	2015-17
B. Tech. in Computer Science and Engineering with 71.62% Dr. APJ Abdul Kalam University (<i>formerly</i> UPTU), Lucknow, India	2010-14

National Level Examinations

- Qualified Graduate Aptitude Test in Engineering (GATE) – **2014 and 2017**
- Qualified UGC National Eligibility Test (NET) for both JRF and Assistant Professor – **June 2020**

Technical Skills

Tools	MATLAB, ANACONDA, Visual Studio
Programming Languages	C, Java, C#, Python
Internet Programming	HTML, CSS, JavaScript, PHP, ASP.NET Web Forms
Area of Interest	Programming, Database Management System, Operating System, Digital Image Processing and Computer Vision

Publications

1. Ankit Kumar Jaiswal and 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 IF: 2.757**).
2. Ankit Kumar Jaiswal and 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 IF:2.012**)
3. Ankit Kumar Jaiswal and Rajeev Srivastava, "Forensic image analysis using inconsistent noise pattern" Pattern Analysis and Applications (2020). <https://doi.org/10.1007/s10044-020-00930-4> (**SCI IF: 2.580**)
4. Ankit Kumar Jaiswal and Rajeev Srivastava, "Detection of copy-move forgery in digital image using multi-scale, multi-stage deep learning model" Neural Processing Letters. (Revision, **SCI IF: 2.908**)
5. Ankit Kumar Jaiswal and Rajeev Srivastava, "Forged region identification and segmentation in an image using modified u-net model" Forensic Science International: Digital Investigation. (Revision, **SCI IF: 2.192**)

6. Ankit Kumar Jaiswal 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. **(Scopus)**
 7. Ankit Kumar Jaiswal, and Rajeev Srivastava “Image Splicing Detection using Deep Residual Network” In Proceedings of 2nd International Conference on Advanced Computing and Software Engineering (ICACSE). 2019.
 8. Ankit Kumar Jaiswal, 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. **(Scopus)**
 9. Vikas Mehta, 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. **(Scopus)**
 10. Ankit Kumar Jaiswal and Udai Shanker “Comparative study of commit protocols in mobile environment: M2PC, UCM and TCOT” In 2016 2nd International Conference on Contemporary Computing and Informatics (IC3I), pp. 667-670. IEEE, 2016. **(Scopus)**
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Certification and Awards

Certification (Microsoft Certified Solution Developer)

- 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.
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Internships

6 Weeks Industrial Training on Core JAVA at NIIT, Varanasi	June 2012-July 2012
6 weeks Industrial Training on PHP at CETPA Info Tech Pvt. Ltd., Noida	June 2013-July 2013

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.
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Extracurricular Activities

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

Parents Name: Mr. Rajnarayan Gupta and Mrs. Arti Jaiswal

Date of Birth: November 15th, 1991

Languages Known: English and Hindi

References

Prof. Rajeev Srivastava

Professor and Former Head, Department of Computer Science and Engineering
Dean (Resource and Alumni Affairs), Indian Institute of Technology (BHU), Varanasi 221005

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Prof. Udai Shanker

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