

REFERENCES

- A. Muh. Ramadhani, and Tasrif Hasanuddin. "Modifikasi Least Significant Bits Pada Gambar Sebagai Data Hiding Steganography." *Indonesian Journal of Data and Science*, vol. 2, no. 2, 31 July 2021, pp. 91–102, <https://doi.org/10.56705/ijodas.v2i3.48>. Accessed 1 Oct. 2022.
- Admass, Wasyihun Sema, et al. "Cyber Security: State of the Art, Challenges and Future Directions." *Cyber Security and Applications*, vol. 2, no. 2, 2024, p. 100031, <https://doi.org/10.1016/j.csa.2023.100031>.
- Alanzy, May, et al. "Image Steganography Using LSB and Hybrid Encryption Algorithms." *Applied Sciences*, vol. 13, no. 21, 1 Jan. 2023, p. 11771, [www.mdpi.com/2076-3417/13/21/11771](https://doi.org/10.3390/app132111771), <https://doi.org/10.3390/app132111771>.
- Almuhammadi, Sultan, and Ibraheem Al-Hejri. "A Comparative Analysis of AES Common Modes of Operation." *2017 IEEE 30th Canadian Conference on Electrical and Computer Engineering (CCECE)*, Apr. 2017, <https://doi.org/10.1109/ccece.2017.7946655>. Accessed 3 Aug. 2022.
- Choudhary, Utkarsh, and Parul Agarwal. *Image Steganography Combined with Cryptography for Covert Communication*. 8 Aug. 2024, pp. 207–212, <https://doi.org/10.1145/3675888.3676053>. Accessed 29 Nov. 2024.
- Context.ph. "Cybercriminals Target Businesses across SEA with 23 Million plus Brute Force Attacks in 2024." *Context.ph* → *Context.ph*, 9 Dec. 2024, context.ph/2024/12/09/cybercriminals-target-businesses-across-sea-with-23-million-plus-brute-force-attacks-in-2024/. Accessed 16 Apr. 2025.
- Dalal, Mukesh, and Mamta Juneja. "Steganography and Steganalysis (in Digital Forensics): A Cybersecurity Guide." *Multimedia Tools and Applications*, vol. 80, 8 Oct. 2020, <https://doi.org/10.1007/s11042-020-09929-9>.
- Fadel, Syaima, et al. "Analisis Keamanan Steganografi Teks Dengan Metode Lsb (Least Significant Bit) Pada Citra Digital." *Jurnal Computer Science and Information Technology*, vol. 5, no. 1, 28 Apr. 2024, pp. 36–41, <https://doi.org/10.37859/coscitech.v5i1.6759>. Accessed 9 June 2024.
- Fatima, Sana, et al. "Comparative Analysis of Aes and Rsa Algorithms for Data Security in Cloud Computing." *IEEC 2022*, vol. 20, no. 1, 29 July 2022, [www.mdpi.com/2673-4591/20/1/14/pdf](https://doi.org/10.3390/engproc2022020014), <https://doi.org/10.3390/engproc2022020014>.

- G, Edwar Jacinto, et al. "Enhanced Security: Implementation of Hybrid Image Steganography Technique Using Low-Contrast LSB and AES-CBC Cryptography." *International Journal of Advanced Computer Science and Applications*, vol. 13, no. 8, 2022, <https://doi.org/10.14569/ijacsa.2022.01308104>. Accessed 9 Dec. 2022.
- Harshali Zodpe, and Arbaz Shaikh. "A Survey on Various Cryptanalytic Attacks on the AES Algorithm." *International Journal of Next-Generation Computing*, vol. 12, no. 2, 27 Apr. 2021, pp. 115–123, <https://doi.org/10.47164/ijngc.v12i2.756>.
- Ibrahim Alkhwaja, et al. "Password Cracking with Brute Force Algorithm and Dictionary Attack Using Parallel Programming." *Applied Sciences*, vol. 13, no. 10, 12 May 2023, pp. 5979–5979, <https://doi.org/10.3390/app13105979>.
- Jain, Somil, et al. "Honey2Fish - a Hybrid Encryption Approach for Improved Password and Message Security." *2023 IEEE 9th Intl Conference on Big Data Security on Cloud (BigDataSecurity), IEEE Intl Conference on High Performance and Smart Computing, (HPSC) and IEEE Intl Conference on Intelligent Data and Security (IDS)*, May 2023, pp. 198–203, ieeexplore.ieee.org/document/10132141/authors, <https://doi.org/10.1109/bigdatasecurity-hpsc-ids58521.2023.00042>. Accessed 30 Mar. 2025.
- Jalil, Zunera, and Anwar M. Mirza. "A Review of Digital Watermarking Techniques for Text Documents." *2009 International Conference on Information and Multimedia Technology*, 2009, pp. 230–234, <https://doi.org/10.1109/icimt.2009.11>. Accessed 15 May 2025.
- Luo, Weiqi, et al. "A Comprehensive Survey of Digital Image Steganography and Steganalysis." *APSIPA Transactions on Signal and Information Processing*, vol. 13, no. 1, 1 Jan. 2024, www.nowpublishers.com/article/Details/SIP-20240038, <https://doi.org/10.1561/116.20240038>. Accessed 13 Mar. 2025.
- Majeed, Abdul, and Ahmed s noori. "Honey Encryption Security Techniques: A Review Paper." *AL-Rafidain Journal of Computer Sciences and Mathematics*, vol. 16, no. 1, 2 July 2022, pp. 1–14, www.researchgate.net/publication/361706955_Honey_Encryption_Security_Techniques_A_Review_Paper, <https://doi.org/10.33899/csmj.2022.174390>.
- Mehta, Neelam, and Md Vaseem Naiyer. "An Approach of Security on Cloud Computing Using Honey Encryption Technique." *International Journal of Current Science (IJCS PUB) Wwww.ijcspub.org 451* |, vol. 14, no. 2, 2024, pp. 2250–1770, rjpn.org/ijcspub/papers/IJCSP24B1280.pdf. Accessed 30 Mar. 2025.

- Oktaviani, Selli, et al. "Analisis Keamanan Data Dengan Menggunakan Kriptografi Modern Algoritma Advance Encryption Standar (AES)." *Jurnal Media Informatika*, vol. 4, no. 2, 9 June 2023, pp. 97–101, ejournal.sisfokomtek.org/index.php/jumin/article/view/435, <https://doi.org/10.55338/jumin.v4i2.435>. Accessed 14 Nov. 2023.
- Pooja, and Mrs Yadav. "Digital Signature." *International Journal of Scientific Research in Computer Science, Engineering and Information Technology*, vol. 3, no. 6, 2018, pp. 2456–3307. Accessed 15 May 2025.
- Rajguru, Sankalp Sudarsan, et al. "Stenographic Approaches for Enhancing Data Security in Cloud Computing." *E3S Web of Conferences*, vol. 556, 2024, p. 01012, www.e3s-conferences.org/articles/e3sconf/pdf/2024/86/e3sconf_rawmu2024_01012.pdf, <https://doi.org/10.1051/e3sconf/202455601012>. Accessed 15 Nov. 2024.
- Ravindranadh, K, et al. "Data Migration in Cloud Computing Using Honey Encryption." *International Journal of Engineering & Technology*, vol. 7, no. 2.8, 19 Mar. 2018, p. 230, <https://doi.org/10.14419/ijet.v7i2.8.10415>. Accessed 3 Jan. 2021.
- Riko Yudistira. "AES (Advanced Encryption Standard) and RSA (Rivest Shamir Adleman) Encryption on Digital Signature Document : A Literature Review." *International Journal of Information Technology and Business*, vol. 7, no. 1, 30 Nov. 2024, pp. 29–31, <https://doi.org/10.24246/ijiteb.712022.29-31>. Accessed 22 Mar. 2025.
- Rustad, Supriadi, et al. "Inverted LSB Image Steganography Using Adaptive Pattern to Improve Imperceptibility." *Journal of King Saud University - Computer and Information Sciences*, vol. 34, no. 6, Part B, 1 June 2022, pp. 3559–3568, linkinghub.elsevier.com/retrieve/pii/S131915782030625X, <https://doi.org/10.1016/j.jksuci.2020.12.017>.
- Saeed, Saqib, et al. "Digital Transformation and Cybersecurity Challenges for Businesses Resilience: Issues and Recommendations." *Sensors*, vol. 23, no. 15, 25 July 2023, <https://doi.org/10.3390/s23156666>.
- Selvanathan, Mahiswaran, et al. "EMPLOYEE PRODUCTIVITY in MALAYSIAN PRIVATE HIGHER EDUCATIONAL INSTITUTIONS." *PalArch's Journal of Archaeology of Egypt / Egyptology*, vol. 17, no. 3, 12 Nov. 2020, pp. 66–79, archives.palarch.nl/index.php/jae/article/view/50, <https://doi.org/10.48080/jae.v17i3.50>.
- Singh, Sumer. "StegaCrypt Integrating Hybrid Cryptography and Image Steganography." *International Journal for Research in Applied Science and Engineering Technology*, vol. 12, no. 11, 30 Nov. 2024, pp. 454–457, <https://doi.org/10.22214/ijraset.2024.65087>. Accessed 30 Mar. 2025.

Srinivas, N. S. Sai, and Md. Akramuddin. "FPGA Based Hardware Implementation of AES Rijndael Algorithm for Encryption and Decryption." 2016 International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT), Mar. 2016, <https://doi.org/10.1109/iceeot.2016.7754990>. Accessed 7 Feb. 2023.

Urmila Pilania, et al. "Performance Evaluation of LSB Steganography Based on Multiple Image Formats." *Journal of Discrete Mathematical Sciences and Cryptography*, vol. 26, no. 7, 1 Jan. 2023, pp. 1911–1924, <https://doi.org/10.47974/jdmsc-1725>. Accessed 6 Nov. 2024

