

DAFTAR PUSTAKA

- AlDaajeh, S., Saleous, H., Alrabae, S., Barka, E., Breiting, F., & Raymond Choo, K.-K. (2022). The Role of National Cybersecurity Strategies on the Improvement of Cybersecurity Education. *Computers & Security*.
- Anandraj, K. C., & Aravind, S. (2024). Total Digital Literacy Initiatives in Kerala: A Study of the Educational Digital Awareness Mission. *SSRN Electronic Journal*.
<https://doi.org/10.2139/ssrn.5001019>
- Andress, J., & Winterfeld, S. (2014). *Cyber Warfare: Techniques, Tactics and Tools for Security Practitioners* (L. Ablon, Ed.; 2nd ed.). Elsevier.
- Armawan, I., Saleh, A., Muljono, P., & Hubeis, M. (2022). Utilization of ICT on Improving the Quality of LPK Learning in Bogor, West Java. *Journal of Mechanical, Civil and Industrial Engineering*. <https://doi.org/10.32996/jmcie>
- ASEAN. (2022). *ASEAN Cybersecurity Cooperation Strategy (2021-2025)*.
- Ashwini, S. (2021). Social Media Platform Regulation in India – A Special Reference to The Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021. In *Perspectives on Platform Regulation* (pp. 215–232). Nomos Verlagsgesellschaft mbH & Co. KG. <https://doi.org/10.5771/9783748929789-215>
- Azanda, S. H., Syah, R. F., & Ayunda, W. A. (2024). Makna Empat Pilar Literasi Digital dan Potensinya Menekan Peredaran Hoax di Ruang Digital Indonesia. *National Conference on Applied Business, Education, & Technology (NCABET)*, 3(1), 764–773.
<https://doi.org/10.46306/ncabet.v3i1.167>
- Barnett, M., & Duvall, R. (2005). Power in international politics. In *International Organization* (Vol. 59, Issue 1, pp. 39–75). <https://doi.org/10.1017/S0020818305050010>
- Bates, C. C., & Rose, M. C. (2022). Leveraging talent to dominate in cyber war-an army perspective. In *The Great Power Competition* (Vol. 3, pp. 319–346). Springer International Publishing. https://doi.org/10.1007/978-3-031-04586-8_16
- Bhasin v. Union of India. (2020). *Bhasin v. Union of India: Access to Public Information, Internet Shutdowns, National Security* (Patent Writ Petition (Civil) No. 1031/2019).
- BP2MI. (2023). *Data Penempatan dan Pelindungan Pekerja Migran Indonesia*.
- BP2MI. (2024). *Data Penempatan dan Pelindungan Pekerja Migran Indonesia*.
- BPS. (2020). *Analisis Profil Penduduk Indonesia Mendeskripsikan Peran Penduduk dalam Pembangunan*.
- BSSN. (2024a). *GELITIKS BSSN di SMA 1 Bekasi Bekali Siswa Pentingnya Keamanan Siber dalam Penggunaan Internet dan Media Sosial* . <https://bssn.go.id/gelitiks-bssn-di-sma-1-bekasi-bekali-siswa-pentingnya-keamanan-siber-dalam-penggunaan-internet-dan-media-sosial/?utm>



BSSN. (2024b). *Lanskap Keamanan Siber Indonesia 2024*.

BSSN. (2025). *Daftar Lembaga Sertifikasi Profesi Bidang Keamanan Siber: Periode 15 Agustus 2025*. <https://bssn.go.id/daftar-lembaga-sertifikasi-profesi-bidang-keamanan-siber/>

Budiman, R. (2023). The Development of Personal Data Protection Law in Indonesia: Challenges and Prospects for the Implementation of Law No. 27 of 2022. *Jurnal Smart Hukum (JSH)*, 2(1), 24–36. <https://doi.org/10.55299/jsh.v2i1.1352>

Burdette, L., Brodsky, P., Christian, P., Hjembo, J., Mauldin, A., Stronge, T., Tan, M., & Velandia. Juan. (2025). *The State of the Network*.

Buzan, Barry., Wæver, Ole., & Wilde, J. de. (1998). *Security : a new framework for analysis*. Lynne Rienner Pub.

Cavelty, M. D. (2010). Cyber-Security. In J. P. Burgess (Ed.), *The Routledge Handbook of New Security Studies* (pp. 154–162). Routledge.

Chaudhary, P. K. (2023). India's Cybersecurity Diplomacy: Building Global Alliances. *ShodhKosh: Journal of Visual and Performing Arts*, 4(2). <https://doi.org/10.29121/shodhkosh.v4.i2.2023.3386>

Chaudhuri, R., & Kang Joseph, A. (2024). Living in a fragmented world: India's data way. *India Review*, 23(2), 154–176. <https://doi.org/10.1080/14736489.2024.2324638>

Christine, B., & Kansil, C. S. T. (2023). Hambatan Penerapan Perlindungan Data Pribadi di Indonesia Setelah Disahkannya Undang-Undang Nomor 27 Tahun 2022 Tentang Perlindungan Data Pribadi. *Syntax Literate ; Jurnal Ilmiah Indonesia*, 7(9), 16331–16339. <https://doi.org/10.36418/syntax-literate.v7i9.13936>

Clarke, R. A., & Knake, R. K. (2010). *Cyber War: The Next Threat to National Security and What to Do About It*. Ecco.

Clarke, R. A., & Knake, R. K. (2019). *The Fifth Domain: Defending Our Country, Our Companies, and Ourselves in the Age of Cyber Threats*. Penguin Press.

Crowther, A. (2022). Global perspectives: Cyber alliances and partnerships in great power competition. In *The Great Power Competition* (Vol. 3, pp. 247–262). Springer International Publishing. https://doi.org/10.1007/978-3-031-04586-8_12

CSA. (2021). *The Singapore cybersecurity strategy 2021*. Cyber Security Agency of Singapore.

Deibert, R. J. (2018). Toward a human-centric approach to cybersecurity. *Ethics and International Affairs*, 32(4), 411–424. <https://doi.org/10.1017/S0892679418000618>

Dillon, R., & Tan, K.-L. (2024). Cybersecurity Workforce Landscape, Education, and Industry Growth Prospects in Southeast Asia. *Journal of Tropical Futures: Sustainable Business, Governance & Development*, 1(2), 172–181. <https://doi.org/10.1177/27538931231176903>

Diningrat, R. A., Rizky, M., Faqih, A., & Farez, J. (2022). *Strategy Primer: Accelerating Digital Skills Development in Indonesia*.



- DSCI. (2023a). *Bridging the Gap: Identifying Challenges in Cybersecurity Skilling and Bridging the Divide*. <https://www.dsci.in/files/content/knowledge-centre/2023/Bridging-the-Gap-Identifying-Challenges-in-Cybersecurity-Skilling-and-Bridging-the-Divide.pdf>
- DSCI. (2023b). *India Cybersecurity Domestic Market 2023*.
- EC-Council. (2024). *Certified Ethical Hacker (CEH) Version 13*. Ethical Hacking and Countermeasures.
- EU. (2016). REGULATION (EU) 2016/679 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL. *Official Journal of the European Union*, 1–87.
- Febriawan, D., & Marisa, H. (2023). *Understanding Indonesia's Cyber Security Policies: Opportunities and Challenges In The Digitalization Transformation Era*.
- Fortinet. (2024). *Cybersecurity Skills Gap Global Research Report Contents*.
- FTI Consultant. (2020). *A White Paper On India's National Cybersecurity Strategy 2020*.
- George, A. L., & Bennett, A. (2005). *Case studies and theory development in the social sciences*. MIT Press.
- Government of India, M. of E. and I. T. (2018). *Information Technology (Information Security Practices and Procedures for Protected System) Rules*.
- Government of India, M. of H. R. D. (2020). *National Education Policy 2020*.
- Grover, R. (2021). Guidelines for Intermediaries and Digital Media Ethics Code (India). *NO&T Asia Legal Review*, 33.
- Gstrein, O. J., Blauth, T. F., Rahman, F. :, Mantovani, A. P. K., & Wiharani, A. P. (2023). Cybersecurity governance in Indonesia and the Netherlands: towards more cooperation. In *European Cybersecurity Journal ANALYSES • POLICY REVIEWS • OPINIONS* (Vol. 9, Issue 1). <https://hdl.handle.net/1887/3715226>
- Guittet, E.-P., & Jeandesboz, J. (2010). Security Technologies. In J. P. Burgess (Ed.), *The Routledge Handbook of New Security Studies* (pp. 229–239).
- Gujar, B. R., Kolhe, P. R., & Patil, V. A. (2021). Impact of Social Media Laws in India 2021. *International Journal of Research in Engineering and Science (IJRES)*, 9(7). <https://doi.org/10.9744/nirmana.15.1.113-18>
- Hana Thifal Hanifah, Raisa Az Zahra, & Icshan Fauzi Rachman. (2024). Model Pendidikan Literasi Digital Pada Masyarakat Desa: Strategi Pengembangan Kemampuan Digital Untuk Meningkatkan Kualitas Hidup. *JURNAL ILMIAH PENDIDIKAN KEBUDAYAAN DAN AGAMA*, 2(3), 42–47. <https://doi.org/10.59024/jipa.v2i3.722>
- Hsu, D. F. (2013). Building a Secure and Sustainable Cyberspace Ecosystem: An Overview. In D. F. Hsu & D. Marinucci (Eds.), *Advances in Cyber Security: Technology, Operations, and Experiences* (pp. 1–33). Fodham University Press.
- Ibrahim, A., Arief, A., & Abdullah, S. Do. (2020). Keamanan Untuk Penerapan Layanan Publik Pada Sistem Pemerintahan Berbasis Elektronik Sebuah Kajian Pustaka Sistematis. *Indonesian Journal on Information System*, 5(2).



IISS. (2021). *A methodology for assessing the cyber power of states*. www.iiss.org

Intan Mafiana, A., Hanun, L., Mufidatul Ilmi, H., & Febriliani, S. (2023). Implementasi Manajemen Keamanan Informasi Berbasis ISO 27001 Pada Sistem Informasi Akademik Universitas. *Journal of Digital Business and Innovation Management JDBIM (Journal of Digital Business and Innovation Management)*, 2(2), 139–163.
<https://doi.org/10.1234/jdbim.v2i2.57580>

ISO/IEC. (2022). *International Standard: ISO / IEC 27001: Information security, cybersecurity and privacy protection-Information security management systems-Requirements*.

ITU. (2024). *The ICT Development Index 2024 International Telecommunication Union Development Sector*.

Kello, L. (2017). *The Virtual Weapon and International Order*. Yale University Press.
<https://doi.org/10.2307/j.ctt1trkjdl>

Kemendikbudristek. (2021). *Panduan Implementasi Kebijakan Merdeka Belajar-Kampus Merdeka (MBKM)*.

Kiso, I. C. (2022). *UGC Notifies on Cyber Security Courses Syllabus*.
<https://ipr.nagaland.gov.in/ugc-notifies-cyber-security-courses-syllabus/>

Kitchen, K. (2025). The New Superpowers: How and Why the Tech Industry is Shaping the International System. *National Affairs*, 62.

Kodrat, D. S., Tambunan, D. B., & Hartono, W. (2024). Investigation of workplace literacy in Indonesia to enhance employability opportunities. *Decision Science Letters*.
<https://doi.org/10.5267/dsl.2024.2.002>

KOMINFO. (2023). *4 Pilar Literasi Digital – CABE (Cakap Aman Budaya Etika)*.
<https://gnld.siberkreasi.id/modul/?utm>

Kumar, G. (2025). Cybersecurity Awareness and Practices Among Rural Youth in Punjab: Challenges and Opportunities. *International Journal for Multidisciplinary Research*, 7(5).
www.ijfmr.com

Kumar, S., & Bansal, G. (2025a). Cybersecurity awareness and digital literacy in the context of digital India. *International Journal of Applied Research*, 11(4), 434–439.
<https://doi.org/10.22271/allresearch.2025.v11.i4f.12568>

Kumar, S., & Bansal, G. (2025b). Enhancing cybersecurity for the digital India program: A strategic approach. *International Journal of Engineering in Computer Science*, 7(1), 145–149. <https://doi.org/10.33545/26633582.2025.v7.i1b.171>

Latham & Watkins LLP. (2023). *India's Digital Personal Data Protection Act 2023 vs. the GDPR: A Comparison*. <https://www.lw.com/admin/upload/SiteAttachments/Indias-Digital-Personal-Data-Protection-Act-2023-vs-the-GDPR-A-Comparison.pdf>

Lukman W, A. D., & Hermawan, R. (2024). Optimising Multilateral Cooperation in Combating Cybercrime to Enhance National Vigilance. *Jurnal Lemhannas RI*, 12(4).
<https://doi.org/10.55960/jlri.v12i4.990>



Malichatoen. (2025). *Kertas Kebijakan: Kepmen Kominfo 522 Berpotensi Mengancam Kebebasan Pers dan Berekspresi di Indonesia*.

Mearsheimer, J. J. (2013). Structural Realism. In T. Dunne, M. Kurki, & S. Smith (Eds.), *International Relations Theories: Discipline and Diversity* (Third, pp. 77–91). Oxford University Press.

Mehta, S. N., & Amit-Danhi, E. R. (2024). The road to censorship: the case of digital audiovisual industries in India. *International Journal of Cultural Policy*, 1–17.
<https://doi.org/10.1080/10286632.2024.2402257>

MeitY. (2024). *National Cyber Security Awareness Month (NCSAM) - 2024*.

Microsoft. (2022). *Microsoft expands CyberShikshaa to accelerate cybersecurity skilling opportunities*. <https://news.microsoft.com/en-in/microsoft-expands-cybershikshaa-to-accelerate-cybersecurity-skilling-opportunities/>

Miller, S., & Bossomaier, T. (2024). *Cybersecurity, Ethics, and Collective Responsibility*. Oxford University Press New York. <https://doi.org/10.1093/oso/9780190058135.001.0001>

Ministry of Skill Development & entrepreneurship, G. of I. (2023). *Competency Based Curriculum : Cyber Security Assistant NSQF Level 3.5*.

Morgenthau, J. Hans., & Thompson, K. W. (1954). *Politik Antarbangsa* (S. Maimoen, A. M. Fatwan, & Cecep Sudrajat, Trans.; I). Pustaka Obor.

NCSI. (2021). *31. Singapore 71.43*. www.ega.ee

Neuman, W. Lawrence. (2014). *Social research methods : qualitative and quantitative approaches*. Pearson.

Ningrat, S. R. C., & Nulhaqim, S. A. (2023). Pasal Karet UU ITE dan Peyeleasaan Konflik Digital di Indonesia. *Indonesian Journal of Social and Political Sciences*, 4.

Nojeim, G., Maheshwari, N., & Miglani, E. (2020). Encryption in India: Preserving the Online Engine of Privacy, Free Expression, Security, and Economic Growth. *Indian Journal of Law and Technology*, 17(1). <https://doi.org/10.55496/LPNZ6069>

Noor, E. (2024). *Entangled: Southeast Asia and the Geopolitics of Undersea Cables*.

Nugraha, A. A., & Nasyuha, A. H. (2024). Integrating ISO 27001 and Indonesia's Personal Data Protection Law for Data Protection Requirement Model. *Journal of Information Systems and Informatics*, 6(2), 1052–1069. <https://doi.org/10.51519/journalisi.v6i2.754>

Nye, J. S. (2006). *Soft power : the means to success in world politics*. PublicAffairs ; Perseus Running [distributor].

Nye Jr., J. S. (2010). *Cyber power*. Belfer Center for Science and International Affairs, Harvard Kennedy School.

Owen, T. (2010). *Human-centric: A Contested Contempt*. In J. P. Burgess (Ed.), *The Routledge Handbook of New Security Studies* (pp. 39–49). Routledge.



Owen, T. (2015). *Disruptive Power: The Crisis of the State in the Digital Age*. Oxford University Press.

Pandey, V. (2024). Bridging The Digital Gap: Empowering Rural India Throgh Transformative Initiative. *ShodhKosh: Journal of Visual and Performing Arts*, 5(6).
<https://doi.org/10.29121/shodhkosh.v5.i6.2024.3440>

Pangestu, M. A. A., & Christin, M. (2022). Analisis Strategi Komunikasi Program Indonesia Makin Cakap Digital Kementerian Komunikasi dan Informatika dalam Meningkatkan Literasi Digital. *Jurnal Ilmiah Ilmu Pendidikan*.

Paterson, T. (2019). Indonesian cyberspace expansion: a double-edged sword. *Journal of Cyber Policy*, 4(2), 216–234. <https://doi.org/10.1080/23738871.2019.1627476>

Patil, S., Sarma, A., & Chandola, B. (2025). *Strengthening The Quad's Regulatory Diplomacy on Cybersecurity*. Observer Research Foundation (ORF).

Pollini, A., Callari, T. C., Tedeschi, A., Ruscio, D., Save, L., Chiarugi, F., & Guerri, D. (2022). Leveraging human factors in cybersecurity: an integrated methodological approach. *Cognition, Technology and Work*, 24(2), 371–390. <https://doi.org/10.1007/s10111-021-00683-y>

Poornima, B. (2023). Cyber Preparedness of the Indian Armed Forces. *Journal of Asian Security and International Affairs*, 10(3), 301–324. <https://doi.org/10.1177/23477970231207250>

Roy, N., & Chandekar, P. R. (2020). *National Policy for leveraging Common Services Centre (CSC) ecosystem for establishing Public Wi-Fi Broadband network*.
<https://www.meity.gov.in/static/uploads/2024/03/Article-paper-Leveraging-CSC-ecosystem-for-public-Wi-Fi-20.07.17.pdf>

Salminen, M., & Hossain, K. (2018). Digitalisation and *human-centric* dimensions in cybersecurity: An appraisal for the European High North. *Polar Record*, 54(2), 108–118.
<https://doi.org/10.1017/S0032247418000268>

Sanders, R. (2022). The War for Cyber Talent: Can the US Win It? In A. Farhadi, R. P. Sanders, & A. Masys (Eds.), *The Great Power Competition* (Vol. 3, pp. 293–317). Springer.

Sarkar, R., Fatma, A., Adhikari, I., & Varma, A. S. (2025). *Making the case for global workforce migration: A strategic blueprint to harness India's demographic dividend*. PwC.

Sebastian, A. (2024). Unlocking Indonesia's Data Center Potential: Location Advantage and Cost Efficiency. *Dinasti International Journal of Education Management And Social Science*, 5(5), 1493–1506. <https://doi.org/10.38035/dijemss.v5i5.2804>

Setneg. (2021). *Program Literasi Digital Nasional "Indonesia Makin Cakap Digital"* Diluncurkan di GBK.
https://www.setneg.go.id/baca/index/program_literasi_digital_nasional_indonesia_makin_cakap_digital_diluncurkan_di_gbk/

Singer, P. W., & Friedman, A. (2014). *Cybersecurity and Cyberwar: What everyone needs to know*. Oxford University Press.



- Sukma, I. M. (2024). Techno-Realism: Navigating New Challenges in the Contemporary Role of Technology in Politics. *Security and Defence Quarterly*. <https://doi.org/10.35467/sdq/188303>
- Sutikno, T., & Stiawan, D. (2022). Cyberattacks and data breaches in Indonesia by Bjorka: hacker or data collector? *Bulletin of Electrical Engineering and Informatics*, 11(6), 2989–2994. <https://doi.org/10.11591/eei.v11i6.4854>
- Sutomo, A., Thamrin, S., Widodo, P., & Reksoprodjo, Y. (2025). Membangun Ketahanan Digital: Pengembangan Model Strategi Pertahanan Siber Berbasis Manajemen Risiko. *TEMALI : Jurnal Pembangunan Sosial*, 8(1), 29–40. <https://doi.org/10.15575/jt.v8i1.38690>
- Telkom. (2024). *Kembali Hadir! Telkom Ajak Pelajar Indonesia Kembangkan Talenta Digital Melalui Telkom DigiUP 2024*. https://www.telkom.co.id/sites/berita/id_ID/news/kembali-hadir-telkom-ajak-pelajar-indonesia-kembangkan-talenta-digital-melalui-telkom-digiup-2024-2636?utm
- Tewari, D., Singha, K., & Jaiswal, N. (2024). 6.39 crore individuals trained under Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA) exceeding the target of 6 crore. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2080854&/>
- Tewari, D., Sreejith, N., & Priyadarshini, A. (2025, July 10). *MeitY and BITS-Pilani sign MoU to launch Professional Development Programs in cybersecurity for professionals across Government, Public Sector and Industry*. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2143820>
- Thejeshwar, S., & Kannimoola, J. M. (2024). Managing Cybersecurity Challenges on a Global Scale: Balancing Foreign Policy Priorities with the Rise of Digital Threats. 2024 *International Conference on Computing, Sciences and Communications, ICCSC 2024*. <https://doi.org/10.1109/ICCSC62048.2024.10830307>
- Thornton, R. (2007). *Asymmetric Warfare: Threat and Response in the 21st Century*. Polity Press.
- UNDP. (2025). *Explore HDI - Indonesia*. https://hdr.undp.org/sites/default/files/2023-24_HDR/HDR23-
- U.S. General Service Administration. (2022). *Advanced Persistent Threat Buyer's Guide*.
- UU PDP. (2022). *UNDANG-UNDANG REPUBLIK INDONESIA NOMOR 27 TAHUN 2022 TENTANG PELINDUNGAN DATA PRIBADI*.
- Verizon. (2024). *Verizon Data Breach Investigations Report*.
- Vogel, R. (2016). Closing the Cybersecurity Gap. *Salus Journal*, 4(2), 32. <https://doi.org/10.3316/informit.093144667545339>
- Waltz, K. N. (1979). *Theory of International Politics*.
- Zagare, F. C. (1987). *The Dynamics of Deterrence*. The University of Chicago Press.