S.Hansi Munasinghe

School of Politics, Security, and International Affairs

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RG Research Gate | ORCiD

EDUCATION

University of Central Florida (UCF), Orlando, FL (Expected)2029
Doctor of Philosophy, Security Studies

University of Kelaniya, Sri Lanka October 2025
Master of Science in Computer Science

University of Colombo, Sri Lanka September 2021
Bachelor's in Information Technology (Second Class Lower Division)

University of Sri Jayewardenepura, Sri Lanka November 2023
Diploma in Criminal Psychology and Offender Counseling

RESEARCH INTERESTS

Cognitive Security; Human Factors and Decision-Making; Cyberpsychology; Intelligence Analysis; AI and Digital Governance; Surveillance and International Security; Digital Harm and Cybercrime; Climate and Environmental Security.

RESEARCH EXPERIENCE

Senior Research Assistant (2023– June 2026) – Department of Criminology & Criminal Justice, University of Sri Jayewardenepura

Supervisor: Dr. (Mrs.) H. P. K. N. Hewawasam, Senior Lecturer (Grade II)

Thesis

- **MSc. in Computer Science** Sep 2023 - 2025
  University of Kelaniya, Sri Lanka
  - **Thesis: Cognitive Security: An Empirical Analysis Of Cognitive Biases And Their Impact On Incident Response Strategies Among IT Professionals In Sri Lanka| Individual**

  | DOI

- **Bachelor's in Information Technology (BIT) (2021)** (Second Class Lower Division).
  Individual software project:
  Rehabilitation officer Administration system for the Department of Prisons.
  Individually developed a rehabilitation officer administration system for the Department of Prisons, Sri Lanka, enhancing administrative transparency and efficiency. The complete project involved finding a suitable system, eliciting requirements, designing, coding, and testing.

- **Diploma in Criminal Psychology and Offender Counseling**
  University of Sri Jayewardenepura, Sri Lanka
  Thesis: Psychological Impact and Coping Strategies of Female Victims of Cybercrimes: A Multiple-Case Study

PUBLICATIONS

BC-book chapter J - Journals, C – Conferences

[C1] **S. H. Munasinghe** and H. P. K. N. Hewawasam, "**Uniting Digital Disciplines: Bridging Literacy, Ethics, and Security Among University Students**," in Proc. 5th Int. Conf. on Advanced Research in Computing [IEEE](ICARC), Colombo, Sri Lanka, 2025 / DOI

[C2] **Munasinghe, S. H**., **Spyware and the future of statecraft: Rethinking sovereignty, diplomacy, and power in the age of commercial surveillance**. Paper presented at the Eighth Annual BCIS Emerging Scholars' Symposium, Colombo, Sri Lanka.| ISBN: 978-624-5506-14-9

[J1] Hewawasam, H. P. K. N., & **Munasinghe, S. H**. (2025). **A bibliometric analysis of female criminality: Scientific trends and insights from the Scopus database.** Vidyodaya Journal of Humanities and Social Sciences, 10(1), 220–234. https://doi.org/10.31357/fhss/vjhss.v10i01.14 / DOI

[C3] **Hansi Munasinghe*,** Hewawasam, H. P. K. N. **Enhancing digital security through Sinhala linguistic features: An Indigenous knowledge approach**. Paper presented at the 3rd International Research Symposium on Multidisciplinary Approaches in Indigenous Knowledge Systems (IRS-IKS 2025), Sri Lanka. /p-ISSN: 3084-9381

[C4] Pabasara, R. P., & **Munasinghe, S. H**. (2025). **Integrating Indigenous knowledge from Sirith Maldama to address digital deviance and ensure cyber ethics respected in Sri Lanka**. Paper presented at the 3rd International Research Symposium on Multidisciplinary Approaches in Indigenous Knowledge Systems (IRS-IKS 2025), Sri Lanka./ p-ISSN: 3084-9381

[C5] **Munasinghe, S. H.,** Hewawasam, H. P. K. N., & Pabasara, R. P. (2025). **Human-centered digital literacy for smart citizenry: Ethics, access, and social responsibility in smart societies.** Paper presented at the 4th International Research Conference of the National Library of Sri Lanka, Colombo, Sri Lanka./ ISSN 3093-5814

[C6] **Munasinghe, S. H.,** & Hewawasam, H. P. K. N. (2024).**Unveiling the Invisible Wounds A Thematic Analysis of the Psychological Trauma Experienced by Female Cybercrime Victims**| Paper presented at the 1st International Conference on Criminology and Criminal Justice (ICCCJ 2024), Sri Lanka.

[C7] **Munasinghe, S. H.,** & Rajapakse, R. (2025). **Cognitive warfare in the age of AI: A desk-based study through narrative review, strategic case analysis, and global policy.** Paper presented at the 3rd International Desk Research Conference (DRC 2025).

[C8] **Munasinghe, S. H.,** Narayan, S., & Hewawasam, H. P. K. N. (2025). **Digital defenses for a greener future: Integrating cybersecurity into climate governance to safeguard clean technologies**. Paper presented at the International Conference of the Center for Environmental Sustainability (ICCES 2025).| p-ISSN 3093-6101

[C9] **Munasinghe, S. H.,**& Hewawasam, H. P. K. N. (2026). **Psychological Predictors of Online Deception Vulnerability Among Adolescent Girls: A Sri Lankan Case Study**. Paper presented at Colombo Research Conference for Psychology & Counselling 2026. |

[C10] **Munasinghe, S. H.,**& Hewawasam, H. P. K. N. (2026). **Population Ageing in AI-Mediated Societies: Policy Challenges for Protecting Older Adults.** Paper presented at the Annual Population Conference of the Population Association of Sri Lanka. 2026. |

[C11] **Munasinghe, S. H.,**& Hewawasam, H. P. K. N. (2026). **Beyond Algorithms: Reclaiming Dasa Raja Dharma for Ethical Artificial Intelligence Governance.** Paper presented at the National Conference on Indigenous Knowledge Systems (NCIKS)

[BC1] Munasinghe, S. H., & Jayawardhana, R. (2026).
Climate-resilient cybersecurity: Protecting data centers from extreme weather threats.
In Climate Change, Public Health, and Regional Security in the Indo-Pacific (pp. 329–337). Academic Press, Elsevier.
https://doi.org/10.1016/B978-0-443-40368-2.00010-6

[BC2] Narayan, S., Khatun, B., **Munasinghe, S. H.,** Pandey, S. R., Choudhary, R., Troilo, M., & Birje, T. S. (2025). **Performance metrics for circular economy: Techniques for evaluating effectiveness and measuring progress**. In S. Majumdar, M. Choudhury, & A. Cheshmehzanji (Eds.), Sustainable urban future (pp. 249–270). Springer.https://doi.org/10.1007/978-981-95-2976-6_11

[BC3] Narayan, S., Khatun, B., Choudhary, R., Singh, K., **Munasinghe, H.,** Rastogi, M., & Gupta, V. (n.d.). **Navigating plastic pollution: Strategies for effective management and sustainable solutions.** https://link.springer.com/chapter/10.1007/978-3-032-05302-2_9

[J2] Prabashwara, J., & **Munasinghe, S. H.** (n.d.). **Transforming Peace Education: How Artificial Intelligence Shapes Participatory and Experiential Learning in Higher Education.** Manuscript submitted for publication.

[J3] Prabashwara, J., & **Munasinghe, S. H.** (n.d.). **Innovations in AI-Powered Techno-Pedagogy for Peace(building) Education: Impact on Learner Agency In and Beyond the Classroom.** Manuscript under review.
[BC4] Prabashwara, J., & **Munasinghe, S. H.** (n.d.). **Generative AI as a Co-Facilitator of Participatory and Experiential Learning in Politics and International Studies.** Manuscript in progress.

AWARDS & RECOGNITIONS

- UCF Graduate Dean's Fellowship.
- Best Paper Award in Eighth Annual BCIS Emerging Scholars' Symposium 2025

Best Paper Award for the paper *"Surveillance Diplomacy: The Rise of Commercial Spyware in Global Power and Governance"* at the Eighth Annual BCIS Emerging Scholars' Symposium

GROUP PROJECTS

1. **UX Renaissance for DP Education: From Good to Great**
   Spearheaded the UX Renaissance for DP Education, guiding a cross-functional team to deliver a high-fidelity Figma prototype and strategic report that advanced impactful user-centered design for an existing mobile application.

|High fidelity Report | Figma prototype

TEACHING & VOLUNTEERING

1. Graduate Teaching Assistant, UCF
   - International Relations-Theory and Practice (INR 2002), Fall 2026
   - Research Methods and Intelligence (POS 4300), Fall 2026
2. Visiting Lecturer (2021–2023) – Department of IT and Department of English. London Tec-City Campus, Sri Lanka
3. Exam & Viva Panelist (2022–July 2026) Department of IT – IMBS Green Campus, Sri Lanka
4. Exam & Viva Panelist (2022–July 2026) Department of English – IMBS Green Campus,Sri Lanka

VOLUNTEERING

1. Resource Person – Rehabilitation Sector, Department of Prisons, Sri Lanka (2019–2023)
2. Resource Person for English language teaching programs for GCE O/L students at Sarvodaya Children's Homes (2021-2022)

TECHNICAL SKILLS

- Python (pandas, numpy, scikit-learn, matplotlib),
- R

- AnyLogic (agent-based & discrete-event computer simulation)
- SPSS / NVivo
- Google Forms, Zenodo, Git
- UX Research & HCI Prototyping (Figma)

REFERENCES

Available upon request

Last Updated: 23/10/2026