

ORAL PRESENTATIONS

27th September 2024

DEFENCE AND STRATEGIC STUDIES

Technical Session I: International Security Landscape

Venue: Auditorium, Faculty of Graduate Studies

Chairperson	Prof. Hazuki Sasaki Associate Professor, Kanzawa University Japan
0830 - 0835 Hrs	Introduction of the Chair
0835 - 0840 Hrs	Preliminary Remarks by the Chair
0840 - 0850 Hrs	Misinformation in an Era of Artificial Intelligence Analysis on Global Security T Karunarathna, S Bandara, and M Pathinayake
0850 - 0900 Hrs	Diplomacy in the Age of Information Warfare; Strategies and Challenges in South Asia KPAR Sarasinghe
0900 - 0910 Hrs	From Migration to Mainstream: A Case Study of Indian Diaspora's Rising Geopolitical Influence DD Samaragunaratna
0910 - 0920 Hrs	The Galactic Chessboard: A Comparative Analysis of Space Warfare Strategies Employed by the US, Russia, and China BRAWS Bandara and KPR Kumara
0920 - 0930 Hrs	Maritime Strategic Thinking Culture of Small Island States: Sri Lankan Perspective SACR Kulatunga
0930 - 0950 Hrs	Question and Answering Session
0950 - 1000 Hrs	Summing up by the Chair
1000 - 1030 Hrs	Refreshments

DEFENCE AND STRATEGIC STUDIES

Technical Session II: Future Technologies I

Venue: Auditorium, Faculty of Graduate Studies

Chairperson	Mr. Imran Furkan Chief Executive Officer, TRESYNC, Australia
1030 - 1035 Hrs	Introduction of the Chair
1035 - 1040 Hrs	Preliminary Remarks by the Chair
1040 - 1050 Hrs	Islamic State Exploitation of Emerging Web3 and Generative AI Technologies RMTGP Rathnayaka
1050 - 1100 Hrs	AI-Driven Wars Ethical Impact of the War on Gaza TN Halpe
1100 - 1110 Hrs	The Evolving Landscape of Military Manpower: Evaluating the Rise of AI in Possible Futures IGMKT Ihagama & KERL Fernando
1110 - 1120 Hrs	The Impact of Artificial Intelligence on Military Defence and Security; A Case Study on Sri Lanka Navy's Red Sea Deployment IS Kudaligama
1120 - 1130 Hrs	Forging Relations in the Era of AI: Utilizing Artificial Intelligence as a Tool in Sri Lankan Cultural Diplomacy WMD Wijekoon
1130 - 1150 Hrs	Question and Answering Session
1150 - 1200 Hrs	Summing up by the Chair
1200 - 1330 Hrs	Lunch

DEFENCE AND STRATEGIC STUDIES

Technical Session III: Future Technologies II

Venue: Auditorium, Faculty of Graduate Studies

Parallel Session

Chairperson	Brigadier TCMGST Cooray RWP RSP USP ndc psc Secretary, National Defence College Colombo 03
1030 - 1035 Hrs	Introduction of the Chair
1035 - 1040 Hrs	Preliminary Remarks by the Chair
1040 - 1050 Hrs	AI-Powered Drone Warfare: A Case Study on Russia-Ukraine War YI Premaratne and KJ Arachchi
1050 - 1100 Hrs	Potential of Artificial Intelligence as a Remedy for the Challenges Facing the United Nations Peacekeeping Operations of Sri Lanka's Armed Forces HMTU Herath
1100 - 1110 Hrs	Warfare in the Age of Artificial Intelligence: Changing Dynamics MAJ Gimantha
1110 - 1120 Hrs	Artificial Intelligence and Deterrence: An Analysis of Practical Implications S Vithanage and KADIS Kuruwita
1120 - 1130 Hrs	Impacts of Artificial Intelligence for the Logistic and Economic Intelligence in Administrative Planning of Military Operations TPA Peiris and HSM Hapuarachchi
1130 - 1150 Hrs	Question and Answering Session
1150 - 1200 Hrs	Summing up by the Chair
1200 - 1330 Hrs	Lunch

DEFENCE AND STRATEGIC STUDIES

Technical Session IV: Dimensions of National Security I

Venue: Auditorium, Faculty of Graduate Studies

Chairperson	Major General LCR Jayasuriya RSP ndc psc Rector - Southern Campus General Sir John Kotelawala Defence University
1330 - 1335 Hrs	Introduction of the Chair
1335 - 1340 Hrs	Preliminary Remarks by the Chair
1340 - 1350 Hrs	A Strategic Approach to Enhancing National Security in Sri Lanka by Decentralizing Energy Production Through Domestic Solar Systems MMC Mirahawatta and C Ranasinghe
1350 - 1400 Hrs	Assessing the Impact of Crypto Currency on Counter Terrorism Strategies in Sri Lanka BGSP Samarasinghe, MHM Imran, WPS Perera, and SDDS Silva
1400 - 1410 Hrs	AI and Human Rights: Safeguarding civil liberties in Sri Lanka Whilst Focusing National Security KTDS Kalansooriya, KAPA Rathnayake, and BGSP Samarasinghe
1410 - 1420 Hrs	Differences in Perceptions in Three Ethnic Groups About the Predicted Impacts of the Rise of Mono-Ethnic Nationalism in Post-war Sri Lanka PWKH Hemakumara
1420 - 1430 Hrs	Challenges on Post-Harvest Management of Sri Lankan Multi-Day Fishing Boats and Their Implications on the National Security of the Country BD Abeygunawardhana
1430 - 1450 Hrs	Question and Answering Session
1450 - 1500 Hrs	Summing up by the Chair
1500 - 1530 Hrs	Refreshments

DEFENCE AND STRATEGIC STUDIES

Technical Session V: Dimensions of National Security II

Venue: Classroom 4-1, Faculty of Graduate Studies

Parallel Session

Chairperson	Dr. Asantha Senevirathna Senior Lecturer at the Department of Strategic Studies, Faculty of Defence and Strategic Studies, General Sir John Kotelawala Defence University
1330 - 1335 Hrs	Introduction of the Chair
1335 - 1340 Hrs	Preliminary Remarks by the Chair
1340 - 1350 Hrs	Mitigating ISIS Radicalization in Sri Lanka: Strategies and Challenges KMDDDB Rathnayake, RSD Fernando, and PKGB Palanage
1350 - 1400 Hrs	Money Laundering in Sri Lanka: Examining Socio-Economic Consequences, Social Conflicts, and Regulatory Challenges CLCM Patabendige and UIA Pathirana
1400 - 1410 Hrs	History of Chemical Attacks in Sri Lanka; A Special reference to East Kiran Attack KADSK Athukorala
1410 - 1420 Hrs	Strengthening the Geopolitical Aspects of Sri Lanka by Joining the Regional Comprehensive Economic Partnership (RCEP) UGWR Jayathilleka
1420 - 1430 Hrs	The Red Sea Area: Importance, Regional Conflicts and Impact on Sri Lankan Trade and Security PKGB Palanage, LSU De Silva and KPSH De Silva
1430 - 1440 Hrs	13th Amendment to the Constitution of Sri Lanka: Impacts and Challenges HRFM Tissera
1440 - 1500Hrs	Question and Answering Session
1500 - 1510 Hrs	Summing up by the Chair
1510 - 1530 Hrs	Refreshments

POSTER PRESENTATIONS

27th September 2024

DEFENCE AND STRATEGIC STUDIES

Poster Session

Venue: Classroom 3-3 Faculty of Graduate Studies

Time: 1030 hrs – 1200 hrs

Artificial Intelligence in Maritime Security: Enhancing Future Strategic Stability in the Indian Ocean Region

AMMLB Abeykoon and HMRR Bandara

Evolving Threats and Strategies in Modern Military Security: An Analysis of Global Approaches

DCL Attale and A Egalle

Leveraging Sri Lanka's National Intelligence: Prospects from Anti-Money Laundering and Counter-Terrorist Financing

UIA Pathirana

Identifying Challenges in Integrating AI Technology for Intelligence Gathering in the Sri Lankan Army

KGSS Wijerathne and NRY Cabraal

Leveraging Artificial Intelligence to Counter Violent Extremism and Hate Speech Online: A Case Study of Sri Lanka's National Security Measures

PMP Pannalage, VMM Vithanage, and MPM Waleboda

The Role of Information Warfare in Exacerbating Ethnic Tensions: A Case Study of Sinhala-Muslim Dynamics in Sri Lanka

CLCM Patabendige

The Geopolitics of Artificial Intelligence: Power shifts in the 21st Century

HAALSSA Arachchi, PKTL Panduwawala, and PMWMKT Sandanayake

Utilizing Artificial Intelligence for Detection, Delay and Response of Chemical, Biological, Radio graphical and Nuclear Threats

MMU Nethsara, MAD Theekshana, MHHS Thisera, and AV Tantirimudali

Redefining Global Security in the Digital Age: Nuclear Proliferation

BW Yehansa, TKV Hasara, AMCP Wijesekara, and PAHP Sandamini

Artificial Intelligence and Human Inputs in Warfare Systems: A Comparative Analysis on Challenges and Opportunities

WB Binaya

Artificial Intelligence in Counter Insurgency Operations: Enhancing Combat Efficiency and Combat Effectiveness in Sri Lanka

JLHSM Jayasundera and WWIS Weerasinghe

The Role of Artificial Intelligence in Diplomacy: Strengthening or Replacing Traditional Methods

WAOV Jayawardana and SADJD Samarakoon

The Chinese Belt and Road Initiative and Sri Lanka: Geopolitical Implications and Infrastructure Development

WRL Karunakalage

Third Party Effects of Strategic Competition in the Indian Ocean and Their Implications to Small States: with Special Reference to Case Study of Sri Lanka

JM Achchige

AI in Defence Logistics: Optimizing Supply Chains and Resource Management

GH Langappuli, RPYR Rajapaksha, BNWCVK Madawala, and NKCP Ekanayaka