

## **Digital Minds into National Security: Artificial Intelligence for Threat Analysis**

BJ Perera

*Institute of National Security Studies, Sri Lanka*

bodhana3@live.com

The evolution of technology in the digital age is diverse and rapid. This brings humans to a juncture of choice between machine and man. It is proven that machines can be more accurate than humans and humans are better in cognition. The world is slowly moving to the application of Artificial Intelligence (AI), which is a combination of best in both humans and machines. Technical application of rule engines, algorithms along neural engines and neural networks have increased in AI; making the platforms sapient and sentient. This combination had proven application in many areas, especially in the domains of information and statistics. Therefore, a debate for its application in recognition and assessment of threats came into motion in the realms of security and defence. Many advanced nations have successfully experimented and implemented AI programs, which proved themselves by generating tremendous results over time. This study will focus on the suitability of AI, in the fields of national security and threat analysis for Sri Lanka. This will also focus on the existing application of digital threat analysis AI in Sri Lanka versus potential applications of AI in the domains foresaid. Thereby assessing the possibility of improving the capacity strategic security by recognition of possible threats; ensuring better strategic preparation through AI.

***Keywords:*** *artificial intelligence, national security, threat analysis*