



RASHTRIYA RAKSHA UNIVERSITY

(An Institution of National Importance)
Pioneering National Security and Police University
of India



A Certificate Program on Hybrid Warfare

27th May to 31st May, 2024

Organised by:

SCHOOL OF INTERNAL SECURITY,
DEFENCE AND STRATEGIC STUDIES



About



UNIVERSITY

Rashtriya Raksha University (RRU) is an Institution of National Importance, a Pioneering National Security and Police University of India under the Ministry of Home Affairs, Government of India. The University was established by an Act (No. 31 of 2020) of the Indian Parliament. The University provides a healthy ecosystem that supports academic-research-training activities related to every sphere of National Security.



SCHOOL

The School of Internal Security, Defence and Strategic Studies (SISDSS) carries out academic research and training programs in the field of defence, strategy, and security studies. SISDSS provides an opportunity to study war from a multi-disciplinary perspective, from statecraft to strategy, deterrence and warfighting, strategic leadership and communication, military technology and capability development, military history, and media management.



ABOUT THE COURSE

Warfare in 21st century has evolved into a highly intricate and multifaceted phenomenon. The character of warfare and the battlefield itself have been transformed by the advancement in technology and the revolution in military affairs (RMA). Amidst this ever-evolving landscape, Hybrid Warfare is emerging as the new face of warfare.

Many experts argue that the concept has been around for centuries. While conventional warfare remains important, the recent Russia-Ukraine war and Israel-Hamas confrontation have highlighted the significance of exploring advanced and sophisticated means of warfare at the sub-conventional level. It is a complex and multifaceted form of conflict that extends beyond traditional battlefields. The present era marked by rapid technological advancements, globalization, and the proliferation of non-state actors. Technology in combat extends beyond land-based battlefields to the vast maritime domain. The aim of such warfare is to achieve the objectives without having to incur massive war expenses or risks, create ambiguity and escape attribution as the perpetrator or sponsor of such attacks. This, in effect, becomes challenging for the targeted state to develop effective policies and strategic measures to address these hybrid threats.

The term 'Hybrid Warfare' was initially introduced by Frank Hoffmann, a former US Marine Officer and military theorist, in 2005. In his 2007 paper on "Conflict in the 21st Century: The Rise of Hybrid Wars," he discussed the concept of 'Hybrid War' as encompassing various forms of warfare beyond conventional capabilities. This includes the use of irregular tactics, terrorist acts, and criminal disorder. In his book 'The Accidental Guerrilla,' David Kilcullen, an Australian military specialist, explores the concept of 'Hybrid Warfare', which involves the combination of guerrilla tactics, civil war, insurgency, and terrorist methods. Meanwhile, discussing the events in Ukraine in April 2014, Major General Frank Van Kappen, a former Security Adviser to the UN and NATO, described 'Hybrid War' as a combination of traditional warfare tactics and the involvement of non-conventional armed groups. It is evident that there is no universally accepted definition of Hybrid Warfare and its scope is not limited.



Ultimately, keeping semantics aside, Hybrid Warfare aims to achieve political goals using kinetic and non-kinetic instruments. It encompasses various domains such as perception, ideas, psychology, information, electronics, cyber, infrastructure, space, diplomatic, legal, social, political and economic spheres. This type of warfare involves a combination of tactics and strategies that go beyond conventional methods. As stated in NATO Secretary General's Annual Report, hostile adversaries "do not have to take to the battlefield to inflict damage on their adversaries" but foreign powers "can make political and strategic gains in other ways, such as spreading disinformation, launching cyber- attacks, and using deception and sabotage."

The complex interdependencies between the internet and critical infrastructure exposes vulnerabilities to cyber warfare conducted by state and non- state actors. Cyber capabilities have become integral to global military strategies, providing fertile grounds for surveillance, sabotage, economic disruption, and propaganda campaigns. Malicious codes like Backdoor. Regin, Stuxnet, WannaCry, and NotPetya attacks underscore the potential impact on global politics and governments.

In the Indian context, hybrid warfare threats emanate from its neighboring countries, Pakistan and China. Pakistan employs range of tactics such as proxy warfare, disinformation, propaganda, and cyber operations, to create instability and challenge Indian security. Non-state actors are frequently utilized to carry out asymmetric attacks, while disinformation campaigns and cyber-attacks aim to manipulate public perception and compromise critical infrastructure. On the other hand, China's hybrid threats involve territorial disputes, economic coercion, and sophisticated information and psychological operations. Qiao Liang and Wang Xiangsui in their book 'Unrestricted Warfare' present a comprehensive analysis of unconventional strategies that can be employed by weaker entities to challenge and potentially defeat stronger adversaries and highlights how nations and groups can exploit vulnerabilities in their opponents' systems and institutions to achieve strategic objectives without resorting to direct military confrontation. The enigmatic, intricate, enduring, and boundless nature of Hybrid Warfare and its increasing application in the 21st Century necessitates a more profound comprehension of the concept. India must swiftly devise robust countermeasures and strategies to address the complex hybrid and asymmetric threats posed by China and Pakistan, to avoid being derailed from its national vision for the Amrit Kaal.

In light of this, the School of Internal Security, Defence and Strategic Studies (SISDSS), Rashtriya Raksha University, will be organising a 5-day Certificate Course on the Concept of Hybrid Warfare, conducted by renowned experts and academicians to equip participants with a thorough comprehension of hybrid warfare, encompassing its diverse aspects, tactics, and consequences.

Session 1

Throws light on the fundamentals of Hybrid Warfare, its historical context, and Evaluation and Adaptation in the modern era.



Session 2

Delves into the usage of Hybrid Warfare in the maritime domain. It would focus on the usage of emerging technologies by state and non-state actors in this realm, evolving trends, and counter measures.

Session 3

Ponders upon the use of cyberspace by state and non-state actors and the way it exposes various critical infrastructures, thus threatening national security.



Session 4

Focuses on exhibiting details on current cyber security infrastructure, and national strategies, building cyber resilience along with importance of international cooperation in cyber defence.

Session 5

Explore the deployment of Information Warfare tactics like propaganda, disinformation, psychological warfare, propagation techniques as a tool of Hybrid Warfare along with the ways to identify and counter disinformation.



Session 6

Highlights the ways social media could be weaponised to inflict threat to national security. This session will take up a case study on successful influence campaigns and ways to counter online influence operations.



Session 7

Divulges the ways economic coercion could be harnessed as a method of Hybrid warfare. It would include discussion on economic sanctions, trade wars and financial warfare.



Session 8

Unveils the use of proxy warfare and political supervision as a hybrid tool to threaten national security along with the ways to counter it.



Session 9

It seeks to recapitulate the multifaceted nature of hybrid warfare, integrating perspectives from military, political, and societal domains along with lessons learnt and implications for future operations.



Session 10

Reflects upon crafting integrated strategies to counter hybrid warfare thus involving Whole-of-Government response, military – civilian cooperation, and international collaboration and alliances.



Speakers' Profile

Lt Gen Dushyant Singh (Retd)



Lt Gen Dushyant Singh, PVSM, AVSM (Retd), is a distinguished military leader with extensive experience in diverse roles and locations. He has received training from institutions such as NDC, DSSC, CDM, and the Naval Post Graduate School, USA. Specializing in counter-terrorism, he has served in various operational and instructional capacities, including commanding infantry units in Jammu and Kashmir and leading the National Security Guards. Additionally, he has contributed to defense literature through publications and chapters in books focusing on deterring terrorism and psychological strategies against it.

Prof. Vijay Sakhuja

Professor Vijay Sakhuja is Head of the Center of Excellence for Geopolitics and International Studies (CEGIS) at REVA University, Bengaluru, brings over two decades of naval experience and academic expertise to his role. He has held key positions in academia and policy research, including at institutions like the Institute of Southeast Asian Studies (ISEAS) in Singapore and the National Maritime Foundation in New Delhi. Specializing in geopolitics, Indo-Pacific affairs, maritime legal issues, Blue Economy, and more, he has authored numerous books and monographs, contributing significantly to the field.



Dr. Brandon Valeriano



Brandon Valeriano (PhD) is currently with Seton Hall University's School of Diplomacy after serving as the Bren Chair of Military Innovation at the Marine Corps University. He is a Visiting Fellow at the Royal Danish Defense College and also serves as a Distinguished Senior Fellow at the Marine Corps University. He has published six books and over one hundred articles on cyber security and international security. Dr. Valeriano has provided testimony on cyber conflict for the United States Senate, the Canadian Senate, and the Parliament of the United Kingdom. Ongoing research explores conflict escalation, the space-cyber nexus, and data/metric applications for cyber security.

Lt Gen (Dr) Rajesh Pant (Retd)



Lt Gen (Dr) Rajesh Pant, PVSM, AVSM, VSM, is a leading authority in Cyber Security. He served as India's National Cybersecurity Coordinator and has 41 years of distinguished service in the Army Signals Corps. With a Ph.D. in Information Security metrics and credentials from IIT Kharagpur, Madras University, and Osmania University, he blends academic prowess with practical expertise. Dr. Pant has represented India at global forums like the World Economic Forum and led initiatives such as the Global Counter Ransomware initiative. He holds key positions including Chairman of the Cyber Security Association of India and Chairman of India Future Foundation, besides serving as a Global Advisor of CyberPeace Organisation.

Lt Gen Devendra Pratap Pandey

Lt Gen Devendra Pratap Pandey UYSM, AVSM, VSM is an Indian Army general serving as the current Commandant of the Army War College, Mhow. He has served in Counter-insurgency operations in Jammu and Kashmir. Qualified in high altitude warfare courses, he has commanded the 9th battalion The Sikh Light Infantry in North Siachen glacier and Chushul sector of Eastern Ladakh.



Mr. NC Bipindra



NC Bipindra is the Chairman of the New Delhi-based Law and Society Alliance, a think tank focusing on strategic affairs and law. With nearly three decades of experience as a strategic affairs journalist, he currently edits 'Defence Capital' and 'Political Capital' magazines. He's an expert in China's Hybrid Warfare strategies and has authored "Mapping Chinese Footprints and Influence Operations in India." Bipindra also practices law in the Supreme Court of India and the High Court of Delhi, heading Hindustan Legal Solutions.

Dr. Sarah Mujeeb

Dr. Sarah Mujeeb is an Indian Economic Service Officer currently serving as Director in the Department of Commerce, Ministry of Commerce and Industry, Government of India. With a background in economics, including a PhD from Jawaharlal Nehru University (JNU), she previously spent six years as a Senior Research Fellow at the Centre for Contemporary China Studies (CCCS). There, she led the economy vertical, focusing on various aspects of China's economy, economic policies, and India-China bilateral economic relations. Mujeeb holds an MPhil in Economics from JNU, a Master's in Economics from Jamia Millia Islamia, and a degree in Economics Honours from Delhi University.



Lt Gen Syed Ata Hasnain (Retd)



Throughout his distinguished 40-year career, Lt Gen Hasnain, PVSM, AVSM, UYSM, SM, VSM**(Retd) has served in volatile environments and conflict zones. From Sri Lanka to the Siachen Glacier, from the North East to Jammu & Kashmir, and in UN operations from Mozambique to Rwanda, he has held crucial appointments. With seven tours in Jammu & Kashmir, he has been decorated in almost all of them, gaining comprehensive knowledge of the conflict. General Hasnain commanded the Indian Army's 15 Corps based in Srinagar and is now recognized as one of the foremost writers and analysts on Jammu & Kashmir, Pakistan, and transnational extremist violence. In 2018, he was appointed Chancellor of the Central University of Kashmir by the President of India. General Hasnain has received six decorations from the President of India and two from the Army Chief for his exemplary service.

Lt Gen Rakesh Sharma (Retd)

Lt Gen (Dr) Rakesh Sharma, PVSM, UYSM, AVSM, VSM (Retd) commissioned in Gorkha Rifles in 1977, served in the Army for forty years with extensive operational experience in Jammu and Kashmir, the North East, and the Western Borders. He trained the Botswana Army for three years in Africa and attended the National War College in Abuja, Nigeria. Lt Gen Sharma, an NDC graduate, also served as a Research Fellow at IDSA and holds a PhD in Defence Studies. He commanded the Fire and Fury Corps in Ladakh and served as the Adjutant General, overseeing Human Resource Management in the Indian Army. A prolific writer and speaker, he currently holds the Gen Bipin Rawat Chair of Excellence at USI, New Delhi, and is a Distinguished Fellow with both the Vivekananda International Foundation (VIF) and the Centre for Land Warfare Studies (CLAWS), besides being on the Executive Council of MP-IDSA.



Lt Gen PS Rajeshwar (Retd)



Lt Gen PS Rajeshwar PVSM, AVSM, VSM (Retd) served as Chief of Integrated Defence Staff and Commander in Chief of the Andaman & Nicobar Command. He has UN Peacekeeping experience in Mozambique and Rwanda. As Director General Emeritus at the Centre for Land Warfare Studies, he focuses on national security, warfare, and technology. Notably, he authored articles on topics like National Security Strategy and Hybrid Warfare.

Important Information



- The programme will be conducted in **online mode** on RRU LMS platform.
- Upon successful completion, participants will receive an **e-certificate**.

Students	₹350/- (Including GST)
RRU Employee	₹ 1000/- (Including GST)
Research Scholars	₹ 1000 /- (Including GST)
Government Officials	₹1500/- (Including GST)
Government Officials Retd.	₹1200/- (Including GST)
Foreign Nationals	\$45/- (Including GST)
Others	₹1500/- (Including GST)

Registration Link & QR Code



For any queries, Email us on
hemant.tanwar@rru.ac.in
garima.kumawat@rru.ac.in



+91 6357-436-774

<https://rise.rru.ac.in/Course/2/2>



CHIEF PATRON



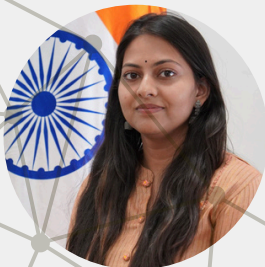
Prof. (Dr.) Bimal N. Patel
Vice-Chancellor
Rashtriya Raksha University

ORGANISER



Maj Gen N D Prasad, AVSM, VSM
Director
School of Internal Security, Defence
and Strategic Studies

CONVENER



Dr. Garima Kumawat
Teaching cum Research Officer
School of Internal Security, Defence
and Strategic Studies



Mr. Hemant Singh Tanwar
Teaching cum Research Officer
School of Internal Security, Defence
and Strategic Studies



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