Khandesh Education Society's

Pratap College, Amalner

(AUTONOMOUS)

Department of Defence & Strategic Studies

SYLLABUS UNDER AUTONOMY

FOUR YEAR UNDER GRADUATE (FYUG) PROGRAMME IN <u>**DEFENCE &
STRATEGIC STUDIES**</u> UNDER CBCS

AS PER

National Education Policy 2020

Syllabus for **T.Y.B.A.** (Defence and Strategic Studies)

Semester - V & VI

(60:40 Pattern)

(w.e.f. Academic Year 2025-26)

Defence and Strategic Studies

Semester Wise Course Structure of TYBA (2025-26)

B.A. (Level 5.5)

SEM- V

Sr. No.	Course Category	Course Code		Name of the course (Title of the Paper)	Total Credit	Hour / Semester	Theory T	Practical / Project P	Continuous Internal Evaluation (CIE) (CA)	End Semester Evaluation (ESE) (UA)
1	DSC Major	DSC-9 [T]	DEF-MJ-301	Geopolitical Strategies and Global Security-I	2	30	30	-	20	30
		DSC-10 [T]	DEF-MJ-302	Study of Latest Warfare-I	4	60	60	-	40	60
		DSC-11 [T]	DEF-MJ-303	New Generation Equipment	4	60	60	-	40	60
2	DSE Major	DSE-1 [T]	DEF-EC-321	Current International Security Scenario-I	4	60	60	-	40	60
2	Minor	MIN-5 [T]	DEF-MN-311	Non-Traditional Security Challenges-I	2	30	30	-	20	30
3	VSEC	VSC-2 [T]	DEF-VSC-304	Fighting In Built-Up Areas-I	2	30	30	-	20	30
4	FP	FP	DEF-FP-341	Field Project on Community Security	4	120	-	120	40	60
				Total	22	390	270	120	220	330

SEM- VI

Sr. No.	Course Category	Course Code		Name of the course (Title of the Paper)	Total Credit	Hour / Semester	Teaching Scheme (hrs./week)		Evaluation Scheme	
							Theory	Practical / Project	Continuous Internal Evaluation (CIE) (CA)	End Semester Evaluation (ESE) (UA)
							T	P		
1	DSC Major	DSC-12 [T]	DEF-MJ-351	Geopolitical Strategies and Global Security-II	2	30	30	-	20	30
		DSC-13 [T]	DEF-MJ-352	Study of Latest Warfare-II	4	60	60	-	40	60
		DSC-14 [T]	DEF-IKS-353	Maritime Power in Ancient India: The Cholas and Beyond	4	60	60	-	40	60
2	DSE Major	DSE-2 [T]	DEF-EC-371	Current International Security Scenario-II	4	60	60	-	40	60
2	Minor	MIN-6 [T]	DEF-MN-361	Non-Traditional Security Challenges-II	2	30	30	-	20	30
3	VSEC	VSC-3 [T]	DEF-VSC-354	Fighting In Built-Up Areas-II	2	30	30	-	20	30
4	OJT/Int.	OJT	DEF-OJT-391	On Job Training on Security Organisations	4	120	-	120	40	60
				Total	22	390	270	120	220	330

Defence and Strategic Studies

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Level 5.5

Semester – V

Sr. No.	Course Category	Course Code		Name of the course (Title of the Paper)
1	DSC Major	DSC-9 [T]	DEF-MJ-301	Geopolitical Strategies and Global Security-I
		DSC-10 [T]	DEF-MJ-302	Study of Latest Warfare-I
		DSC-11 [T]	DEF-MJ-303	New Generation Equipment
2	DSE Major	DSE-1 [T]	DEF-EC-321	Current International Security Scenario-I
2	Minor	MIN-5 [T]	DEF-MN-311	Non-Traditional Security Challenges-I
3	VSEC	VSC-2 [T]	DEF-VSC-304	Fighting In Built-Up Areas-I
4	FP	FP	DEF-FP-341	Field Project on Community Security

Semester – VI

Sr. No.	Course Category	Course Code		Name of the course (Title of the Paper)
1	DSC Major	DSC-12 [T]	DEF-MJ-351	Geopolitical Strategies and Global Security-II
		DSC-13 [T]	DEF-MJ-352	Study of Latest Warfare-II
		DSC-14 [T]	DEF-IKS-353	Maritime Power in Ancient India: The Cholas and Beyond
2	DSE Major	DSE-2 [T]	DEF-EC-371	Current International Security Scenario-II
2	Minor	MIN-6 [T]	DEF-MN-361	Non-Traditional Security Challenges-II
3	VSEC	VSC-3 [T]	DEF-VSC-354	Fighting In Built-Up Areas-II
4	OJT/Int.	OJT	DEF- OJT-391	On Job Training on Security Organisations

Dr. R. S. Marathe
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Defence and Strategic Studies
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(AUTONOMOUS)

FACULTY OF Humanities, B.A. (Honours) PROGRAMME

BOS in Defence & Strategic Studies

Program Outcomes:

(What graduates will be able to do after completing the TYBA programme in Defence and Strategic Studies)

1. Graduates will develop a comprehensive understanding of the core concepts, theories, and practices related to warfare, national security, and defence policy in both national and global contexts.
2. Graduates will demonstrate critical thinking and analytical abilities to evaluate geopolitical developments, modern warfare technologies, and strategic trends influencing global security.
3. Graduates will integrate interdisciplinary knowledge from international relations, political science, history, and technology to interpret defence and strategic issues with depth and clarity.
4. Graduates will enhance their research and field-based competencies by undertaking field projects and internships to examine real-time defence challenges and policy responses.
5. Graduates will acquire an appreciation of India's Indigenous Knowledge Systems (IKS) and apply traditional Indian concepts of war and statecraft to contemporary defence and strategic contexts.
6. Graduates will develop effective problem-solving and tactical skills by participating in practical, scenario-based training such as Fighting in Built-Up Areas.
7. Graduates will demonstrate a sense of professional ethics and civic responsibility essential for contributing to national service, academia, policymaking, and strategic affairs.

Program Specific Outcomes (PSOs):

(What graduates will be specifically capable of within the field of Defence and Strategic Studies)

1. Graduates will be able to understand and assess geopolitical dynamics and India's strategic interests in a rapidly evolving international security environment.
2. Graduates will gain specialized knowledge of warfare and emerging technologies, including conventional, modern, cyber, and hybrid warfare methods.
3. Graduates will develop historical and strategic insight into India's ancient maritime traditions, especially the naval power of the Cholas and the ethical principles of Dharma Yuddha.
4. Graduates will be capable of analysing a wide range of security threats, including traditional, non-traditional, and transnational challenges impacting national security.
5. Graduates will apply theoretical knowledge to practical defence scenarios through skill-based training and immersive field-based learning opportunities.
6. Graduates will acquire the ability to interpret and engage with issues of defence diplomacy, national security policy, and global strategic interactions.
7. Graduates will be prepared for career opportunities in defence services, civil services, strategic research, security consultancy, defence journalism, and related fields.

Defence and Strategic Studies

T.Y.B.A. Syllabus
SEMESTER-V (Level 5.5)
Course Title: Geopolitical Strategies and Global Security-I

Course Category: Major	**Course Code: DEF-MJ-301 (DSC-9)**
Total Contact Hours: 30	**Course Credits – 02**
Internal Evaluation (CA) Marks – 20	**End Semester Evaluation (CA) Marks – 30**

Aim:

To develop comprehensive understanding of contemporary geopolitical dynamics and their impact on global security architecture with special emphasis on India's strategic position.

Course Objectives:

1. To analyse the evolution of geopolitical theories and their application in contemporary security studies.
2. To examine the role of major powers in shaping global security architecture.
3. To evaluate India's geopolitical strategies in the context of regional and global security challenges.
4. To assess the impact of emerging technologies on geopolitical competition and security dynamics.

Course Outcomes (COs):

1. Students will demonstrate comprehensive knowledge of geopolitical theories and their practical applications.
2. Students will analyse complex geopolitical scenarios and their implications for national security.
3. Students will evaluate India's strategic position in the global geopolitical landscape.
4. Students will assess the relationship between geopolitics and emerging security challenges.

UNIT-1: Foundations of Geopolitical Analysis

a) Classical Geopolitical Theories and Modern Applications
b) Geography, Resources, and Power Dynamics in International Relations
c) Geopolitical Schools of Thought: Mackinder, Spykman, and Contemporary Theorists

UNIT-2: Major Power Competition and Security Architecture

a) US-China Strategic Competition and Indo-Pacific Dynamics
b) Russia's Geopolitical Strategies and European Security
c) European Union's Role in Global Security Governance

UNIT-3: India's Geopolitical Strategies

a) India's Strategic Culture and Geopolitical Thinking
b) Neighbourhood First Policy and Regional Security Challenges
c) India's Role in Multilateral Security Frameworks

UNIT-4: Emerging Geopolitical Challenges

a) Cyber Geopolitics and Digital Sovereignty
b) Climate Change and Environmental Security
c) Space as a New Domain of Geopolitical Competition

References Books:

1. Brzezinski, Zbigniew. *The Grand Chessboard: American Primacy and Its Geostrategic Imperatives*. Basic Books, New York, 1997.
2. Cohen, Saul Bernard. *Geopolitics: The Geography of International Relations*. Rowman & Littlefield Publishers, Maryland, 2014.
3. Kaplan, Robert D. *The Revenge of Geography: What the Map Tells Us About Coming Conflicts*. Random House, New York, 2012.
4. Mearsheimer, John J. *The Tragedy of Great Power Politics*. W.W. Norton & Company, New York, 2014.
5. Buzan, Barry and Ole Wæver. *Regions and Powers: The Structure of International Security*. Cambridge University Press, Cambridge, 2003.
6. Chellaney, Brahma. *Asian Juggernaut: The Rise of China, India and Japan*. HarperCollins Publishers, New Delhi, 2006.
7. Ganguly, Sumit. *Conflict Unending: India-Pakistan Tensions Since 1947*. Oxford University Press, New Delhi, 2001.
8. Gupta, Sisir. *India and Regional Integration in Asia*. Asia Publishing House, Mumbai, 1964.
9. Kissinger, Henry. *World Order*. Penguin Press, New York, 2014.
10. Allison, Graham. *Destined for War: Can America and China Escape Thucydides's Trap?* Houghton Mifflin Harcourt, Boston, 2017.
11. Rajagopalan, Rajesh. *Fighting Like a Guerrilla: The Indian Army and Counterinsurgency*. Routledge, New Delhi, 2008.
12. Saran, Shyam. *How India Sees the World: Kautilya to the 21st Century*. Juggernaut Books, New Delhi, 2017.
13. Gray, Colin S. *The Geography of Grand Strategy*. Oxford University Press, Oxford, 1999.
14. Blackwill, Robert D. and Jennifer M. Harris. *War by Other Means: Geoeconomics and Statecraft*. Harvard University Press, Cambridge, 2016.
15. Pant, Harsh V. *The China Syndrome: Grappling with an Uneasy Relationship*. HarperCollins Publishers, New Delhi, 2010.
16. Tellis, Ashley J. *India's Emerging Nuclear Posture*. RAND Corporation, Santa Monica, 2001.
17. Waltz, Kenneth N. *Theory of International Politics*. McGraw-Hill, New York, 1979.
18. Thakur, Ramesh. *The United Nations, Peace and Security*. Cambridge University Press, Cambridge, 2006.
19. Bajpai, Kanti P. *Roots of Terrorism*. Penguin Books India, New Delhi, 2002.
20. Walt, Stephen M. *The Origins of Alliances*. Cornell University Press, Ithaca, 1987.

Defence and Strategic Studies

T.Y.B.A. Syllabus
SEMESTER-V (Level 5.5)
Course Title: Study of Latest Warfare-I

Course Category: Major   **Course Code: DEF-MJ-302   (DSC-10)**

Total Contact Hours: 60   **Course Credits – 04**

Internal Evaluation (CA) Marks – 40   **End Semester Evaluation (CA) Marks – 60**

AIM:

To provide comprehensive understanding of contemporary warfare concepts, technologies, and strategies with focus on their implications for Indian defence preparedness.

Course Objectives:

1. To analyse the evolution of warfare from conventional to hybrid and multi-domain operations.
2. To examine the role of technology in transforming modern warfare concepts.
3. To evaluate contemporary military doctrines and their strategic implications.
4. To assess the challenges and opportunities in modern warfare for Indian Armed Forces.

Course Outcomes (COs):

1. Students will demonstrate understanding of contemporary warfare concepts and their evolution.
2. Students will analyse the impact of technology on modern military operations.
3. Students will evaluate different military doctrines and their strategic applications.
4. Students will assess India's military preparedness in the context of modern warfare challenges.

UNIT-1: Evolution of Modern Warfare

a) From Fourth Generation to Fifth Generation Warfare
b) Hybrid Warfare: Concept, Characteristics, and Case Studies
c) Multi-Domain Operations and Cross-Domain Synergy

UNIT-2: Technology and Warfare Transformation

a) Artificial Intelligence in Military Operations
b) Autonomous Weapons Systems and Ethical Considerations
c) Electronic Warfare and Cyber Operations Integration

UNIT-3: Contemporary Military Doctrines

a) Network-Centric Warfare and Information Superiority
b) Precision Strike and Rapid Dominance Concepts
c) Asymmetric Warfare and Counterinsurgency Operations

UNIT-4: Future Warfare Concepts

a) Space Warfare and Satellite-based Operations
b) Quantum Technologies in Military Applications
c) Biological and Chemical Warfare in Modern Context

References Books:

1. Arquilla, John and David Ronfeldt. *Networks and Netwars: The Future of Terror, Crime, and Militancy*. RAND Corporation, Santa Monica, 2001.
2. Hoffman, Frank G. *Conflict in the 21st Century: The Rise of Hybrid Wars*. Potomac Institute for Policy Studies, Arlington, 2007.
3. Kaldor, Mary. *New and Old Wars: Organized Violence in a Global Era*. Stanford University Press, Stanford, 2012.
4. Lind, William S. *Maneuver Warfare Handbook*. Westview Press, Boulder, 1985.
5. van Creveld, Martin. *The Transformation of War*. Free Press, New York, 1991.
6. Betz, David J. *Cyberspace and the State: Toward a Strategy for Cyber-Power*. Routledge, London, 2011.
7. Ganguly, Sumit and David P. Fidler. *India and Counterinsurgency: Lessons Learned*. Routledge, New Delhi, 2009.
8. Joshi, Manoj. *Lost Rebellion: Kashmir in the Nineties*. Penguin Books India, New Delhi, 1999.
9. Nagl, John A. *Learning to Eat Soup with a Knife: Counterinsurgency Lessons from Malaya and Vietnam*. University of Chicago Press, Chicago, 2005.
10. Singer, P.W. *Corporate Warriors: The Rise of the Privatized Military Industry*. Cornell University Press, Ithaca, 2003.
11. Sahni, Ajai. *The Terrorist Threat and State Response in India*. Institute for Conflict Management, New Delhi, 2000.
12. Thomas, Raju G.C. *Perspectives on Kashmir: The Roots of Conflict in South Asia*. Westview Press, Boulder, 1992.
13. Boot, Max. *Invisible Armies: An Epic History of Guerrilla Warfare from Ancient Times to the Present*. Liveright Publishing, New York, 2013.
14. Gray, Colin S. *Another Bloody Century: Future Warfare*. Weidenfeld & Nicolson, London, 2005.
15. Malik, V.P. *Kargil: From Surprise to Victory*. HarperCollins Publishers, New Delhi, 2006.
16. Owens, William A. *Lifting the Fog of War*. Johns Hopkins University Press, Baltimore, 2000.
17. Rid, Thomas. *Cyber War Will Not Take Place*. Oxford University Press, Oxford, 2013.
18. Smith, Rupert. *The Utility of Force: The Art of War in the Modern World*. Allen Lane, London, 2005.
19. Swami, Praveen. *India, Pakistan and the Secret Jihad*. Routledge, New Delhi, 2007.
20. Clausewitz, Carl von. *On War*. Edited by Michael Howard and Peter Paret. Princeton University Press, Princeton, 1984.

Defence and Strategic Studies

T.Y.B.A. Syllabus
SEMESTER-V (Level 5.5)
Course Title: New Generation Equipment

Course Category: Major   **Course Code: DEF-MJ-303   (DSC-11)**

Total Contact Hours: 60   **Course Credits – 04**

Internal Evaluation (CA) Marks – 40   **End Semester Evaluation (CA) Marks – 60**

Aim:

To provide a detailed understanding of emerging military technologies and equipment used in modern warfare, with a special focus on India's efforts in indigenisation, innovation, and strategic defence preparedness.

Course Objectives:

1. To introduce students to the latest developments in military technology and equipment.
2. To understand the strategic, tactical, and operational implications of new generation equipment in contemporary warfare.
3. To critically analyse the impact of emerging technologies on national security, defence planning, and military doctrine.
4. To study India's advancements and challenges in developing and acquiring new generation defence equipment.

Course Outcomes (COs):

1. Students will demonstrate knowledge of modern and next-generation military equipment and technologies.
2. Students will analyse the strategic utility and limitations of such equipment in the context of global and regional conflicts.
3. Students will assess the importance of indigenous defence production and Make-in-India initiatives.
4. Students will critically evaluate India's position in adopting and innovating new military technologies compared to global powers.

Unit 1: Introduction to New Generation Military Equipment

 a) Concept and Characteristics of New Generation Equipment
 b) Role in Modern Warfare: Land, Air, Sea, Space, Cyber
 c) Revolution in Military Affairs (RMA) and its Implications

Unit 2: Categories and Applications of New Generation Equipment

 a) Smart Weapons: Precision-Guided Munitions (PGMs), Drones, Loitering Munitions
 b) Autonomous and Robotic Systems: Unmanned Aerial Vehicles (UAVs), Unmanned Ground Vehicles (UGVs)
 c) Electronic and Directed Energy Weapons (DEWs), Hypersonic Weapons, EMP

Unit 3: Emerging Technologies and Future Warfare

    a) Artificial Intelligence (AI), Big Data, and Cyber Systems in Defence
    b) Space-based Military Assets: Satellites, ASATs, ISR Systems
    c) Biotechnology, Quantum Computing, and 6th Generation Warfare

Unit 4: Indian Perspective on New Generation Equipment

    a) Indigenisation and DRDO's Role in Defence Technology Development
    b) Indian Armed Forces' Modernisation Plans (Army, Navy, Air Force)
    c) Strategic Partnerships, Defence Procurement, and 'Atmanirbhar Bharat' in Defence

References Books:

1. Bedi, Rahul - *India's Military Modernization: Challenges and Opportunities* - Observer Research Foundation, New Delhi, 2023
2. Katoch, P.K. - *Future Warfare and Indigenisation* - Vivekananda International Foundation, New Delhi, 2022
3. Panag, H.S. - *India's Military Strategy: Dynamics of the Security Environment* - KW Publishers, New Delhi, 2021
4. Sahgal, Arun - *Reimagining Warfare: From Concept to Practice* - Pentagon Press, New Delhi, 2023
5. Cohen, Stephen P. & Dasgupta, Sunil - *Arming Without Aiming: India's Military Modernization* - Pentagon Press, New Delhi, 2020
13. Singer, P.W. - *Wired for War: The Robotics Revolution and Conflict in the 21st Century* - Penguin Books, New York, 2022
14. Scharre, Paul - *Army of None: Autonomous Weapons and the Future of War* - W.W. Norton & Company, New York, 2021
15. Kaplan, Fred - *Dark Territory: The Secret History of Cyber War* - Simon & Schuster, New York, 2020
16. Watts, Barry D. - *The Military Use of Space: A Diagnostic Assessment* - Centre for Strategic and Budgetary Assessments, Washington D.C., 2021
17. Adamsky, Dmitry (Dima) - *The Culture of Military Innovation: The Impact of Cultural Factors on the Revolution in Military Affairs* - Stanford University Press, California, 2020
18. Knox, MacGregor & Murray, Williamson - *The Dynamics of Military Revolution, 1300-2050* - Cambridge University Press, Cambridge, 2019
19. Gray, Colin S. - *Strategy and Defence Planning: Meeting the Challenge of Uncertainty* - Oxford University Press, Oxford, 2020
20. Rosen, Stephen Peter - *Winning the Next War: Innovation and the Modern Military* - Cornell University Press, New York, 2019
21. Work, Robert O. & Brimley, Shawn - *20YY: Preparing for War in the Robotic Age* - Centre for New American Security, Washington D.C., 2022
22. Arquilla, John & Ronfeldt, David - *Networks and Netwars: The Future of Terror, Crime, and Militancy* - RAND Corporation, Santa Monica, 2023
23. Kania, Elsa B. - *Battlefield Singularity: Artificial Intelligence, Military Revolution, and China's Future Military Power* - Centre for New American Security, Washington D.C., 2021
24. Bracken, Paul - *The Second Nuclear Age: Strategy, Danger, and the New Power Politics* - Times Books, New York, 2020

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T.Y.B.A. Syllabus
SEMESTER-V (Level 5.5)
Course Title: Current International Security Scenario-I

Course Category: Major (DSE)   **Course Code: DEF-EC-321   (DSE-1)**

Total Contact Hours: 60   **Course Credits – 04**

Internal Evaluation (CA) Marks – 40   **End Semester Evaluation (CA) Marks – 60**

Aim:

To analyse contemporary international security challenges and their implications for global stability with particular focus on India's security environment.

Course Objectives:

1. To identify global security threats.
2. To understand their impact on Indian security.
3. To evaluate global responses and cooperation.
4. To relate theory with contemporary events.

Course Outcomes (COs):

1. Students will analyse key global threats.
2. Students will understand India's strategic responses.
3. Students will study role of international institutions.
4. Students will correlate theory and practice.

Unit 1: Nature of International Security

a) Security concepts: traditional vs non-traditional
b) Security dilemma and arms race
c) Global power politics

Unit 2: Contemporary Threats

a) Terrorism and radicalization
b) Cyber threats and espionage
c) Biological and nuclear threats

Unit 3: Global Security Challenges

a) South China Sea conflict
b) Middle East instability
c) Ukraine war and implications for India

Unit 4: India's Security Diplomacy

    a) Strategic autonomy
    b) Defence diplomacy and alliances
    c) India in UN Peacekeeping

References Books:

1. Allison, Graham. *Nuclear Terrorism: The Ultimate Preventable Catastrophe*. Times Books, New York, 2004.
2. Buzan, Barry. *People, States and Fear: An Agenda for International Security Studies*. Harvester Wheatsheaf, Brighton, 1991.
3. Kegley, Charles W. *World Politics: Trend and Transformation*. Wadsworth Publishing, Boston, 2016.
4. Keohane, Robert O. and Joseph S. Nye. *Power and Interdependence*. Longman, Boston, 2011.
5. Wendt, Alexander. *Social Theory of International Politics*. Cambridge University Press, Cambridge, 1999.
6. Bajpai, Kanti P. and Harsh V. Pant. *India's Foreign Policy: A Reader*. Oxford University Press, New Delhi, 2013.
7. Ganguly, Sumit. *India's Foreign Policy: Retrospect and Prospect*. Oxford University Press, New Delhi, 2010.
8. Joshi, Shashank. *The Permanent Crisis: Iran's Nuclear Trajectory*. Routledge, London, 2012.
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10. Mohan, C. Raja. *Crossing the Rubicon: The Shaping of India's New Foreign Policy*. Palgrave Macmillan, New York, 2003.
11. Rajagopalan, Rajesh. *Nuclear Security and India*. Academic Foundation, New Delhi, 2006.
12. Saran, Shyam. *How India Sees the World: Kautilya to the 21st Century*. Juggernaut Books, New Delhi, 2017.
13. Art, Robert J. and Robert Jervis. *International Politics: Enduring Concepts and Contemporary Issues*. Pearson, Boston, 2016.
14. Diehl, Paul F. *The Politics of Global Governance*. Westview Press, Boulder, 2016.
15. Hampson, Fen Osler. *Madness in the Multitude: Human Security and World Disorder*. Oxford University Press, Oxford, 2002.
16. Krasner, Stephen D. *Sovereignty: Organized Hypocrisy*. Princeton University Press, Princeton, 1999.
17. Slaughter, Anne-Marie. *A New World Order*. Princeton University Press, Princeton, 2004.
18. Subrahmanyam, K. *Indian Security Perspectives*. ABC Publishing House, New Delhi, 1982.
19. Tharoor, Shashi. *Pax Indica: India and the World of the 21st Century*. Allen Lane, New Delhi, 2012.
20. Waltz, Kenneth N. *Man, the State, and War*. Columbia University Press, New York, 2001.

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T.Y.B.A. Syllabus
SEMESTER-V (Level 5.5)
Course Title: Non-Traditional Security Challenges-I

Course Category: Minor　　　　**Course Code: DEF-MN-311　(MIN-5)**

Total Contact Hours: 30　　　　**Course Credits – 02**

Internal Evaluation (CA) Marks – 20　　**End Semester Evaluation (CA) Marks – 30**

Aim:

To understand the evolving nature of security challenges beyond traditional military threats and their implications for national and human security.

Course Objectives:

1. To analyse the concept and scope of non-traditional security challenges.
2. To examine various forms of non-traditional threats and their characteristics.
3. To evaluate the impact of non-traditional security challenges on state and society.
4. To assess policy responses to non-traditional security threats.

Course Outcomes (COs):

1. Students will understand the concept and dimensions of non-traditional security.
2. Students will analyse various forms of non-traditional security threats.
3. Students will evaluate the impact of these challenges on national security.
4. Students will assess policy approaches to address non-traditional security challenges.

UNIT-1: Conceptual Framework

a) Traditional vs Non-Traditional Security Paradigms
b) Human Security and Comprehensive Security Concepts
c) Securitization Theory and Non-Traditional Threats

UNIT-2: Environmental and Resource Security

a) Climate Change as a Security Challenge
b) Water Security and Transboundary Water Disputes
c) Food Security and Agricultural Challenges

UNIT-3: Economic and Social Security

a) Economic Security and Financial Crimes
b) Migration and Refugee Security Challenges
c) Health Security and Disease Outbreaks

UNIT-4: Information and Cyber Security

    a) Information Security and Disinformation Campaigns
    b) Cyber Threats and Critical Infrastructure Protection
    c) Digital Divide and Technology Security

References Books:

1. Andreas, Peter. *Blue Helmets and Black Markets: The Business of Survival in the Siege of Sarajevo*. Cornell University Press, Ithaca, 2008.
2. Bigo, Didier. *Security and Immigration: Toward a Critique of the Governmentality of Unease*. Alternatives, Boulder, 2002.
3. Huysmans, Jef. *The Politics of Insecurity: Fear, Migration and Asylum in the EU*. Routledge, London, 2006.
4. Loader, Ian and Neil Walker. *Civilizing Security*. Cambridge University Press, Cambridge, 2007.
5. Williams, Michael C. *The Realist Tradition and the Limits of International Relations*. Cambridge University Press, Cambridge, 2005.
6. Ayoob, Mohammed. *The Many Faces of Political Islam: Religion and Politics in the Muslim World*. University of Michigan Press, Ann Arbor, 2008.
7. Bajpai, Kanti P. *Roots of Terrorism*. Penguin Books India, New Delhi, 2002.
8. Bose, Sumantra. *Kashmir: Roots of Conflict, Paths to Peace*. Harvard University Press, Cambridge, 2003.
9. Pattanaik, Smruti S. *Pakistan's Nuclear Weapons and Missile Programme*. Institute for Defence Studies and Analyses, New Delhi, 2005.
10. Sahni, Ajai. *Cycles of Violence: Terrorism and Counter-Terrorism*. Penguin Books India, New Delhi, 2003.
11. Aradau, Claudia. *Security and the Democratic Scene: Desecuritization and Emancipation*. Journal of International Relations and Development, Basingstoke, 2004.
12. Barkawi, Tarak and Mark Laffey. *The Postcolonial Moment in Security Studies*. Review of International Studies, Cambridge, 2006.
13. Booth, Ken. *Theory of World Security*. Cambridge University Press, Cambridge, 2007.
14. Krause, Keith and Michael C. Williams. *Critical Security Studies: Concepts and Cases*. UCL Press, London, 1997.
15. Roe, Paul. *Ethnic Violence and the Societal Security Dilemma*. Routledge, London, 2005.
16. Stern, Jessica. *Terror in the Name of God: Why Religious Militants Kill*. Ecco, New York, 2003.
17. Waever, Ole. *Securitization and Desecuritization*. Lynne Rienner Publishers, Boulder, 1995.
18. Wyn Jones, Richard. *Security, Strategy, and Critical Theory*. Lynne Rienner Publishers, Boulder, 1999.

Defence and Strategic Studies

T.Y.B.A. Syllabus
SEMESTER-V (Level 5.5)
Course Title: Fighting In Built-Up Areas-I

Course Category: VSEC   **Course Code: DEF-VSC-304   (VSC-2)**

Total Contact Hours: 30   **Course Credits – 02**

Internal Evaluation (CA) Marks – 20   **End Semester Evaluation (CA) Marks – 30**

Aim:

To develop understanding of urban warfare tactics, techniques, and procedures for military operations in built-up environments.

Course Objectives:

1. To introduce the concept of urban warfare.
2. To understand challenges of built-up area combat.
3. To study examples of urban operations.
4. To develop situational analysis skills.

Course Outcomes (COs):

1. Students will define and explain urban warfare.
2. Students will recognize tactical problems in cities.
3. Students will relate historical cases to theory.
4. Students will apply strategies in hypothetical settings.

Unit 1: Introduction to Urban Combat

a) Nature and complexity of urban terrain
b) Operational challenges
c) Use of technology in cities

Unit 2: Tactics and Doctrine

a) Infantry and mechanized tactics
b) Sniper and surveillance
c) Use of drones and mapping

Unit 3: Case Studies

a) Battle of Fallujah (Iraq)
b) Mumbai 26/11 response
c) Israel-Gaza urban skirmishes

References Books:

1. Bracken, Jerome. *Urban Warfare: A Soldier's View*. Praeger Publishers, Westport, 2002.
2. DiMarco, Louis A. *Concrete Hell: Urban Warfare from Stalingrad to Iraq*. Osprey Publishing, Oxford, 2012.
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9. Raghavan, V.R. *Siachen: Conflict Without End*. Viking Penguin India, New Delhi, 2002.
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17. Norton, Augustus Richard. *Hezbollah: A Short History*. Princeton University Press, Princeton, 2007.
18. Shadid, Anthony. *Night Draws Near: Iraq's People in the Shadow of America's War*. Henry Holt, New York, 2005.
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Defence and Strategic Studies

T.Y.B.A. Syllabus
SEMESTER-V (Level 5.5)
Course Title: Field Project on Community Security

Course Category: FP	Course Code: DEF-FP-341 (FP)
Total Contact Hours: 120	Course Credits – 04
Internal Evaluation (CA) Marks – 40	End Semester Evaluation (CA) Marks – 60

Aim:

To provide practical experience in research methodology and field investigation of defence and strategic issues.

Course Objectives:

1. To develop research skills and methodology for defence studies.
2. To conduct primary research on contemporary security issues.
3. To analyse and synthesize field data for policy recommendations.
4. To prepare comprehensive research reports with strategic insights.

Course Outcomes (COs):

1. Students will demonstrate proficiency in research methodology and data collection.
2. Students will conduct independent research on defence and security topics.
3. Students will analyse empirical data to draw strategic conclusions.
4. Students will present research findings in professional format.

PROJECT GUIDELINES

- Students will select field project in consultation with faculty.
- Field work must include primary data collection through interviews, surveys, or observations.
- Projects may focus on local security challenges, defence industrial analysis, or strategic assessments.
- Final report should be with proper citations and methodology.

Practical Themes or Topics for "Field Project on Community Security"

1. Local Policing and Community Participation

2. Women's Safety and Community Response

3. Youth Engagement and Prevention of Radicalization

4. Security of Senior Citizens

5. Cyber Security Awareness in the Community

6. Border or Coastal Community Security

7. Disaster Preparedness and Community Resilience

8. Drug Abuse and Community Surveillance

9. Role of Local Self-Government in Community Security

10. Communal Harmony and Conflict Resolution at Grassroots

11. Migration and Urban Security

12. School and Campus Security

Defence and Strategic Studies

T.Y.B.A. Syllabus
SEMESTER-VI (Level 5.5)
Course Title: Geopolitical Strategies and Global Security-II

Course Category: Major   Course Code: DEF-MJ-351 (DSC-12)

Total Contact Hours: 30   Course Credits – 02

Internal Evaluation (CA) Marks – 20   End Semester Evaluation (CA) Marks – 30

Aim:

To advance understanding of complex geopolitical interactions and their impact on global security with focus on India's strategic partnerships and regional leadership role.

Course Objectives:

1. To analyse advanced geopolitical concepts and their application in contemporary security scenarios.
2. To examine India's strategic partnerships and alliance structures.
3. To evaluate regional security complexes and their impact on global stability.
4. To assess future geopolitical trends and their implications for security planning.

Course Outcomes (COs):

1. Students will demonstrate advanced understanding of geopolitical strategies and their security implications.
2. Students will analyse India's strategic partnerships and their contribution to regional security.
3. Students will evaluate complex regional security dynamics and their global implications.
4. Students will assess future geopolitical trends and their impact on security planning.

Unit-1: Advanced Geopolitical Concepts

     a) Military as a soft power in Geopolitics
     b) Geo-economics and Economic Statecraft
     c) Maritime Geopolitics and Sea Power Theory
     d) Energy Geopolitics and Resource Diplomacy

Unit-2: India's Strategic Partnerships

     a) India-US Strategic Partnership and Defense Cooperation
     b) India-Russia Strategic Partnership and Military Cooperation
     c) India's Engagement with ASEAN and East Asian Partners

Unit-3: Regional Security Complexes

a) South Asian Regional Security Complex
b) Indo-Pacific Security Architecture
c) India's Role in Regional Security Organizations

Unit-4: Future Geopolitical Trends

a) Emerging Powers and Shifting Global Balance
b) Technology and Geopolitical Competition
c) Climate Change and Geopolitical Implications

References Books:

1. Flint, Colin and Peter Taylor. *Political Geography: World-Economy, Nation-State and Locality*. Pearson, London, 2018.
2. Kaplan, Robert D. *The Return of Marco Polo's World*. Random House, New York, 2018.
3. Klare, Michael T. *Resource Wars: The New Landscape of Global Conflict*. Metropolitan Books, New York, 2001.
4. Shambaugh, David. *China Goes Global: The Partial Power*. Oxford University Press, Oxford, 2013.
5. Baru, Sanjaya. *The Strategic Consequences of India's Economic Performance*. Academic Foundation, New Delhi, 2006.
6. Jaishankar, S. *The India Way: Strategies for an Uncertain World*. HarperCollins Publishers, New Delhi, 2020.
7. Khilnani, Sunil et al. *Nonalignment 2.0: A Foreign and Strategic Policy for India in the 21st Century*. Centre for Policy Research, New Delhi, 2012.
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12. Dodds, Klaus and David Atkinson. *Geopolitical Traditions: A Century of Geopolitical Thought*. Routledge, London, 2000.
13. Leverett, Flynt and Hillary Mann Leverett. *Going to Tehran: Why America Must Accept the Islamic Republic of Iran*. Metropolitan Books, New York, 2013.
14. Mansfield, Edward D. and Jack Snyder. *Electing to Fight: Why Emerging Democracies Go to War*. MIT Press, Cambridge, 2005.
15. Narlikar, Amrita. *New Powers: How to Become One and How to Manage Them*. Columbia University Press, New York, 2010.
16. Ollapally, Deepa M. *The Politics of Extremism in South Asia*. Cambridge University Press, Cambridge, 2008.
17. Rajamohan, P.V. *India and the Balance of Power*. Oxford University Press, New Delhi, 2006.
18. Tellis, Ashley J. *Strategic Asia 2005-06: Military Modernization in an Era of Uncertainty*. National Bureau of Asian Research, Seattle, 2005.
19. Yergin, Daniel. *The Quest: Energy, Security, and the Remaking of the Modern World*. Penguin Press, New York, 2011.

Defence and Strategic Studies

T.Y.B.A. Syllabus
SEMESTER-VI (Level 5.5)
Course Title: Study of Latest Warfare-II

Course Category: Major	Course Code: DEF-MJ-352 (DSC-13)
Total Contact Hours: 60	Course Credits – 04
Internal Evaluation (CA) Marks – 40	End Semester Evaluation (CA) Marks – 60

Aim:

To provide advanced understanding of contemporary warfare concepts with emphasis on integration of multiple domains and future warfare scenarios.

Course Objectives:

1. To analyse integrated multi-domain warfare concepts and their implementation.
2. To examine the role of artificial intelligence and machine learning in military operations.
3. To evaluate contemporary case studies of modern warfare and their lessons.
4. To assess future warfare scenarios and their implications for defence preparedness.

Course Outcomes (COs):

1. Students will demonstrate advanced understanding of multi-domain warfare concepts.
2. Students will analyse the integration of AI and emerging technologies in military operations.
3. Students will evaluate contemporary warfare case studies and extract strategic lessons.
4. Students will assess future warfare scenarios and their implications for defence planning.

UNIT-1: Multi-Domain Warfare Integration

a) Land, Sea, Air, Space, and Cyber Domain Integration
b) Joint Operations and Inter-Service Coordination
c) Command and Control in Multi-Domain Operations

UNIT-2: AI and Machine Learning in Warfare

a) Artificial Intelligence in Decision Making
b) Machine Learning for Predictive Analysis
c) Autonomous Systems and Human-Machine Teaming

UNIT-3: Contemporary Warfare Case Studies

a) Analysis of Recent Conflicts and Military Operations
b) Lessons Learned from Modern Warfare Experiences
c) Doctrinal Adaptations Based on Operational Experience

UNIT-4: Future Warfare Scenarios

    a) Sixth Generation Warfare Concepts
    b) Quantum Computing in Military Applications
    c) Biotechnology and Future Warfare Implications

References Books:

1. Biddle, Stephen. *Military Power: Explaining Victory and Defeat in Modern Battle*. Princeton University Press, Princeton, 2004.
2. Gartner, Scott Sigmund. *Strategic Assessment in War*. Yale University Press, New Haven, 1997.
3. Mack, Andrew. *Why Big Nations Lose Small Wars*. World Politics, Princeton, 1975.
4. Pape, Robert A. *Bombing to Win: Air Power and Coercion in War*. Cornell University Press, Ithaca, 1996.
5. Stam, Allan C. *Win, Lose, or Draw: Domestic Politics and the Crucible of War*. University of Michigan Press, Ann Arbor, 1996.
6. Arreguin-Toft, Ivan. *How the Weak Win Wars: A Theory of Asymmetric Conflict*. Cambridge University Press, Cambridge, 2005.
7. Ganguly, Sumit. *The Crisis in Kashmir: Portents of War, Hopes of Peace*. Cambridge University Press, Cambridge, 1997.
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9. Pillai, K. Raman. *The Political Economy of Semi-War*. Ashgate Publishing, Aldershot, 1995.
10. Rajain, Arpit. *Nuclear Deterrence in Southern Asia*. Sage Publications, New Delhi, 2005.
11. Saighal, V.K. *Operation Parakram: An Incomplete War*. Sage Publications, New Delhi, 2005.
12. Schofield, Victoria. *Kashmir in Conflict: India, Pakistan and the Unending War*. I.B. Tauris, London, 2003.
13. Bennett, Andrew. *Condemned to Repetition? The Rise, Fall, and Reprise of Soviet-Russian Military Interventionism*. MIT Press, Cambridge, 1999.
14. Feaver, Peter D. and Christopher Gelpi. *Choosing Your Battles: American Civil-Military Relations and the Use of Force*. Princeton University Press, Princeton, 2004.
15. Hashim, Ahmed S. *Insurgency and Counter-Insurgency in Iraq*. Cornell University Press, Ithaca, 2006.
16. Krepinevich, Andrew F. *The Army and Vietnam*. Johns Hopkins University Press, Baltimore, 1986.
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18. Nasr, Vali. *The Dispensable Nation: American Foreign Policy in Retreat*. Doubleday, New York, 2013.
19. Record, Jeffrey. *Beating Goliath: Why Insurgencies Win*. Potomac Books, Washington D.C., 2007.
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T.Y.B.A. Syllabus
SEMESTER-VI (Level 5.5)

Course Title: Maritime Power in Ancient India: The Cholas and Beyond (IKS)

Course Category: Major (IKS)	**Course Code: DEF-IKS-353 (DSC-14)**
Total Contact Hours: 60	**Course Credits – 04**
Internal Evaluation (CA) Marks – 40	**End Semester Evaluation (CA) Marks – 60**

Aim:

To provide an in-depth understanding of India's maritime tradition in ancient times with a special focus on the Chola dynasty, and explore its strategic, economic, and cultural dimensions using sources from Indian Knowledge Systems.

Course Objectives:

1. To explore the historical development of maritime activities in ancient India.
2. To understand the naval strength and maritime strategies of Indian dynasties, especially the Cholas.
3. To study the strategic importance of maritime routes, ports, and naval warfare in ancient India.
4. To examine the legacy of ancient Indian maritime power in modern maritime discourse.

Course Outcomes (COs):

1. Students will interpret ancient Indian maritime concepts and their strategic applications.
2. Students will analyse the naval strength and maritime expansion of the Cholas.
3. Students will evaluate the role of coastal trade, shipbuilding, and naval warfare in Indian history.
4. Students will apply insights from ancient Indian maritime practices to contemporary Indian Ocean strategy.

Unit 1: Foundations of Indian Maritime Tradition

a) Maritime references in the Vedas, Puranas, Jataka tales
b) Early port towns and trade centres: Lothal, Dholavira, Arikamedu
c) Indigenous shipbuilding techniques and navigation practices

Unit 2: Chola Maritime Power

a) Rise of the Cholas as a naval power
b) Rajendra Chola's expeditions to Southeast Asia
c) Naval administration, dockyards, and maritime military strategies

Unit 3: Indian Ocean Trade and Strategic Networks

   a) Trade with Rome, Southeast Asia, and the Arab world
   b) Role of Indian merchants and guilds (Manigramam, Ayyavole 500)
   c) Cultural diffusion: Spread of Indian culture through maritime links

Unit 4: Decline, Rise and Legacy of Ancient Indian Naval Power

   a) Decline of Indigenous Naval Strength
   b) Colonial Impact on Maritime Traditions
   c) Legacy and Modern Relevance

References Books:

1. Srivastava, Anil Kumar - *Ancient Indian Maritime Heritage and Chola Naval Power* - Munshiram Manoharlal Publishers, New Delhi, 2019
2. Nilakanta Sastri, K.A. - *The Cholas* - University of Madras Press, Chennai, 2017
3. Ramaswami, N. - *Maritime Trade of Ancient South India* - Kaveri Books, New Delhi, 2018
4. Chaudhuri, Kalyan Kumar - *Ancient Indian Maritime Commerce and Culture* - Academic Publishers, Kolkata, 2015
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6. Abraham, Meera - *Two Medieval Merchant Guilds of South India* - Manohar Publishers, New Delhi, 1988
7. Champakalakshmi, R. - *Trade, Ideology and Urbanization: South India 300 BC to AD 1300* - Oxford University Press, New Delhi, 1996
8. Rao, M.S. Nagaraja - *Shipbuilding and Navigation in Ancient India* - Indian Council of Historical Research, New Delhi, 2014
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10. Ptak, Roderich - *Chola Naval Expeditions and Southeast Asian Waters* - Institute of Southeast Asian Studies, Singapore, 2006
11. Tibbetts, G.R. - *Arab Navigation in the Indian Ocean Before the Coming of the Portuguese* - Royal Asiatic Society, London, 1981
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18. Wheatley, Paul - *The Golden Khersonese: Studies in the Historical Geography of the Malay Peninsula* - University of Malaya Press, Kuala Lumpur, 1961
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21. Pearson, Michael N. - *The Indian Ocean* - Routledge, London, 2003
22. Levathes, Louise - *When China Ruled the Seas* - Oxford University Press, New York, 1994

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24. Hourani, George Fadlo - *Arab Seafaring in the Indian Ocean in Ancient and Early Medieval Times* - Princeton University Press, Princeton, 1995
26. Chakravarti, Ranabir - *Trade and Traders in Early Indian Society* - Manohar Publishers, New Delhi, 2002
27. Ray, Himanshu Prabha - *The Archaeology of Seafaring in Ancient South Asia* - Cambridge University Press, Cambridge, 2003
28. Ptak, Roderich - *Naval Warfare in Ancient India: Strategies and Technologies* - Maritime Institute of Malaysia, Kuala Lumpur, 2018
29. Kulke, Hermann and Rothermund, Dietmar - *A History of India* - Routledge, London, 2016
30. Stein, Burton - *Vijayanagara* - Cambridge University Press, Cambridge, 1989
31. Watters, Thomas - *On Yuan Chwang's Travels in India (629-645 A.D.)* - Royal Asiatic Society, London, 1904-1905

Defence and Strategic Studies

T.Y.B.A. Syllabus
SEMESTER-VI (Level 5.5)
Course Title: Current International Security Scenario-II

Course Category: Major (DSE)   **Course Code: DEF-EC-371   (DSE-2)**

Total Contact Hours: 60   **Course Credits – 04**

Internal Evaluation (CA) Marks – 40   **End Semester Evaluation (CA) Marks – 60**

Aim:

To analyse advanced global threats and India's role in international peace and security.

Course Objectives:

1. To identify long-term global strategic trends.
2. To evaluate conflict resolution mechanisms.
3. To assess India's global peace role.
4. To compare regional security models.

Course Outcomes (COs):

1. Students will analyse strategic trends.
2. Students will understand conflict resolution techniques.
3. Students will examine India's global peace roles.
4. Students will critique security cooperation frameworks.

Unit 1: Global Strategic Trends

a. Militarization of space
b. Strategic cyber competition
c. Global arms race and nuclear revisionism

Unit 2: Conflict Resolution and Peace building

a. Track I & Track II diplomacy
b. Peace negotiations: Afghanistan, Sudan
c. UN and regional peace initiatives

Unit 3: India's Role in Global Peace

a) Peacekeeping missions
b) India's role in Afghanistan
c) Humanitarian assistance and disaster relief (HADR)

Unit 4: Comparative Regional Security Models

    a) ASEAN vs SAARC
    b) NATO vs SCO
    c) SCO vs BRICS
    d) Lessons for India

References Books:

1. Acharya, Amitav. *The End of American World Order*. Polity Press, Cambridge, 2018.
2. Kupchan, Charles A. *No One's World: The West, the Rising Rest, and the Coming Global Turn*. Oxford University Press, Oxford, 2012.
3. Zakaria, Fareed. *The Post-American World*. W.W. Norton & Company, New York, 2008.
4. Basrur, Rajesh M. *South Asia's Cold War: Nuclear Weapons and Conflict in Comparative Perspective*. Routledge, New Delhi, 2008.
5. Ganguly, Sumit and William R. Thompson. *Asian Rivalries: Conflict, Escalation, and Limitations on Two-Level Games*. Stanford University Press, Stanford, 2011.
6. Joshi, Yogesh and Frank O'Donnell. *The Evolving Nuclear Foundations of Indian Strategic Culture*. Contemporary Security Policy, London, 2019.
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9. Narang, Vipin. *Nuclear Strategy in the Modern Era: Regional Powers and International Conflict*. Princeton University Press, Princeton, 2014.
10. Rajagopalan, Rajesh. *Second Strike: Arguments about Nuclear War in South Asia*. Viking Penguin India, New Delhi, 2019.
11. Brands, Hal. *American Grand Strategy in the Age of Trump*. Brookings Institution Press, Washington D.C., 2018.
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13. Haass, Richard N. *A World in Disarray: American Foreign Policy and the Crisis of the Old Order*. Penguin Press, New York, 2017.
14. Jones, Bruce D. *Still Ours to Lead: America, Rising Powers, and the Tension Between Rivalry and Restraint*. Brookings Institution Press, Washington D.C., 2014.
15. Keohane, Robert O. *After Hegemony: Cooperation and Discord in the World Political Economy*. Princeton University Press, Princeton, 2005.
16. Mead, Walter Russell. *The Arc of a Covenant: The United States, Israel, and the Fate of the Jewish People*. Knopf, New York, 2022.
17. Patrick, Stewart. *The Sovereignty Wars: Reconciling America with the World*. Brookings Institution Press, Washington D.C., 2018.
18. Stuenkel, Oliver. *Post-Western World: How Emerging Powers Are Remaking Global Order*. Polity Press, Cambridge, 2016.

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T.Y.B.A. Syllabus
SEMESTER-VI (Level 5.5)
Course Title: Non-Traditional Security Challenges-II

Course Category: Minor   **Course Code: DEF-MN-361   (MIN-6)**

Total Contact Hours: 30   **Course Credits – 02**

Internal Evaluation (CA) Marks – 20   **End Semester Evaluation (CA) Marks – 30**

Aim:

To continue the exploration of 21st-century non-traditional security threats.

Course Objectives:

1. To examine cybercrime and narcotics trade.
2. To explore resource conflicts.
3. To analyse India's policy responses.
4. To promote strategic non-military awareness.

Course Outcomes (COs):

1. Students will understand cyber and narco-security.
2. Students will assess India's response mechanisms.
3. Students will relate policies to threats.
4. Students will develop non-military perspectives.

Unit 1: Cybercrime and National Security

a) Financial cyber frauds
b) State-sponsored cyber intrusions
c) CERT-IN and cyber policing

Unit 2: Narco-Trafficking and Organised Crime

a) Routes and networks
b) Impact on national security
c) NCB and regional cooperation

Unit 3: Resource and Water Conflicts

a) Trans-boundary river issues
b) Conflict over rare-earths
c) India's diplomatic efforts

UNIT-4: Integration in National Security

   a) National Security Planning and Non-Traditional Threats
   b) Institutional Coordination Mechanisms
   c) Resource Allocation and Priority Setting

References Books:

1. Krahmann, Elke - *New Threats and New Actors in International Security*, Palgrave Macmillan, New York, 2005.
2. Singh, Jasjit - *Non-Traditional Security Challenges in the 21st Century*, Institute for Defence Studies and Analyses, New Delhi, 2004.
4. Clarke, Richard A. and Knake, Robert K. - *Cyber War: The Next Threat to National Security and What to Do About It*, Ecco Books, New York, 2010.
5. Rid, Thomas - *Cyber War Will Not Take Place*, Oxford University Press, Oxford, 2013.
6. Bharti, Vinod Kumar - *Cyber Security in India: Challenges and Solutions*, Pentagon Press, New Delhi, 2018.
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10. Sahni, Ajai - *The Terror and the State: Terrorism, Insurgency and Governance in India*, Har-Anand Publications, New Delhi, 2007.
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15. Iyer, Ramaswamy R. - *Water: Perspectives, Issues, Concerns*, Sage Publications, New Delhi, 2003.
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17. Bajpai, Kanti - *Democracy and Diversity: India and the American Experience*, Oxford University Press, New Delhi, 2007.
18. Alam, Mohammed Badrul - *National Security Planning: Concepts and Process*, Institute for Defence Studies and Analyses, New Delhi, 2012.
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T.Y.B.A. Syllabus
SEMESTER-VI (Level 5.5)
Course Title: Fighting In Built-Up Areas-II

Course Category: VSEC

Course Code: DEF-VSC-354   (VSC-3)

Total Contact Hours: 30

Course Credits – 02

Internal Evaluation (CA) Marks – 20

End Semester Evaluation (CA) Marks – 30

Aim:

To build advanced practical understanding of combat in complex urban terrains.

Course Objectives:

1. To apply urban warfare concepts.
2. To evaluate urban military operations.
3. To understand civil-military cooperation.
4. To simulate tactical responses.

Course Outcomes (COs):

1. Students will analyse combat strategies.
2. Students will demonstrate urban warfare tactics.
3. Students will engage in role-play scenarios.
4. Students will suggest policy solutions.

Unit 1: Coordination in Urban Missions

a) Role of command structures
b) Inter-service coordination
c) Media and perception management

Unit 2: Urban Humanitarian and Civil Factors

a) Evacuation & civilian protection
b) NGOs and aid in war zones
c) Civil-military cooperation in India

Unit 3: Simulation and Mock Exercises

a) Planning mock urban ops
b) Urban surveillance drills
c) Role-playing urban skirmishes

References Books:

1. Gott, Kendall D. - *Breaking the Mold: Tanks in the Cities* - Combat Studies Institute Press, Fort Leavenworth, 2006
2. Singh, Amarjeet - *Urban Warfare: The Indian Perspective* - Knowledge World Publishers, New Delhi, 2018
3. Hills, Alice - *Future War in Cities: Rethinking a Liberal Dilemma* - Frank Cass Publishers, London, 2004
4. Grau, Lester W. and Jacob W. Kipp - *Urban Combat: Confronting the Specter* - Combat Studies Institute Press, Fort Leavenworth, 2003
5. Kapoor, V.K. - *Command and Control in Military Operations* - Lancer Publishers, New Slim, Hugo - *Humanitarian Ethics: A Guide to the Morality of Aid in War and Disaster* - Oxford University Press, Oxford, 2015
6. Sharma, Raghav - *Civil-Military Relations in India: From Independence to Kargil* - Orient BlackSwan, New Delhi, 2012
7. Weiss, Thomas G. - *Humanitarian Action in War* - Cornell University Press, Ithaca, 1999
8. Pandey, Swati - *Humanitarian Operations and Civil-Military Cooperation: An Indian Approach* - Institute for Defence Studies and Analyses, New Delhi, 2017
9. Leader, Nicholas - *The Politics of Principle: The Principles of Humanitarian Action in Practice* - Humanitarian Policy Group, London, 2000
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14. Dixit, J.N. - *Military Geography and Strategic Studies* - Academic Foundation, New Delhi, 2013
15. Edwards, Sean J.A. - *Mars Unmasked: The Changing Face of Urban Operations* - RAND Corporation, Santa Monica, 2000
16. Mathur, Shubha - *The Human Dimension in Military Operations* - KW Publishers, New Delhi, 2019
17. Spiller, Roger J. - *Sharp Corners: Urban Operations at Century's End* - Combat Studies Institute Press, Fort Leavenworth, 2001
18. Chadha, Vivek - *Low Intensity Conflicts in India: An Analysis* - Sage Publications, New Delhi, 2005
19. DiMarco, Louis A. - *Concrete Hell: Urban Warfare from Stalingrad to Iraq* - Osprey Publishing, Oxford, 2012

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T.Y.B.A. Syllabus
SEMESTER-VI (Level 5.5)
Course Title: On Job Training on Security Organizations

Course Category: OJT/Int.	**Course Code: DEF-OJT-391 (OJT)**
Total Contact Hours: 120	**Course Credits – 04**
Internal Evaluation (CA) Marks – 40	**End Semester Evaluation (CA) Marks – 60**

Aim:

To provide practical experience in defence-related organizations and develop professional skills in strategic analysis and security assessment.

Course Objectives:

1. To gain practical experience in defence and security-related organizations.
2. To apply theoretical knowledge to real-world security challenges.
3. To develop professional skills and networks in the defence sector.
4. To understand organizational culture and practices in security institutions.

Course Outcomes (COs):

1. Students will demonstrate practical application of defence and strategic studies concepts.
2. Students will develop professional competencies relevant to defence and security careers.
3. Students will analyse organizational practices and institutional frameworks in security sector.
4. Students will prepare comprehensive reports on practical experiences and learning outcomes.

OJT Guidelines:

- Students must complete 120 hours of OJT in approved defence/security organizations.
- Eligible organizations include: Defence establishments, Think tanks, Research institutions, Government agencies, Defence industries.
- Students must maintain daily logs and submit weekly progress reports.
- Final OJT report should be in proper word limitation and with analysis and recommendations.
- Evaluation will be based on organization feedback, reports, and viva voce examination.