

V.B.S. PURVANCHAL UNIVERSITY JAUNPUR



NEP - 2020

Post Graduate (M.A./M.Sc.)
(Common Minimum Syllabus)
Defence and Strategic Studies
(Military Science)

Convener -

(Dr. Ram Krishna Singh)

Professor, Defence and Strategic Studies

(Military Science)

Shri Ganesh Rai P.G. College

Dobhi, Jaunpur (U.P.)

दि. ११/११/२०२०

VEER BAHADUR SINGH PURVANCHAL UNIVERSITY JAUNPUR

Semester-wise Titles of the Papers in M.A./M.Sc. (Defence & Strategic Studies)

M.A. / M.Sc. 1ST YEAR - 1ST SEMESTER

Year	Sem.	Course Code	Paper No.	Paper Title	Theory/Practical	Credits
4	VII	A120701T	Paper-1	Indian Art of Warfare upto1857	Theory	5
4	VII	A120702T	Paper-2	International Strategic Relations	Theory	5
4	VII	A120703T	Paper-3	Politics & Security of Indian Ocean	Theory	5
4	VII	A120704T	Paper-4	WMD, Nuclear Proliferation and National Security	Theory	5

* एक माइनर पेपर जो अन्य संकाय से सम्बन्धित होगा, वह 4 क्रेडिट का होगा।

M.A. / M.Sc. 1ST YEAR - 2ND SEMESTER

4	VIII	A120801T	Paper-1	Strategic Thought	Theory	5
4	VIII	A120802T	Paper-2	India's Defence Policy & Organization	Theory	5
4	VIII	A120803T	Paper-3	Concept of War & Peace	Theory	5
4	VIII	A120804T	Paper-4	International Law	Theory	5
4	VIII	A120805R	Paper-5	Research Project cum Dissertation	Research Project	8

M.A. / M.Sc. 2ND YEAR - 3RD SEMESTER

5	IX	A120901T	Paper-1	National Security	Theory	5
5	IX	A120902T	Paper-2	Art of War in India (After 1947)	Theory	5

Note : *Select any One paper among papers mentioned below.

5	IX	A120903T	*Paper-3-A	Science, & Technology and National Security	Theory	5
5	IX	A120904T	*Paper-3-B	Geo –Politics and Military Geography	Theory	5
5	IX	A120905T	*Paper-3-C	International Conflict Resolution	Theory	5

Note : *Select any One paper among papers mentioned below.

5	IX	A120906T	*Paper-4-A	Strategic Dimensions of Sino-Indian & Indo-Pak Relations	Theory	5
5	IX	A120907T	*Paper-4-B	Internal Security in India	Theory	5
5	IX	A120908T	*Paper-4-C	South Asia: Conflict and Co-operation	Theory	5

M.A. / M.Sc. 2ND YEAR - 4TH SEMESTER

5	X	A121001T	Paper-1	Psychology & Armed Forces	Theory	5
5	X	A121002T	Paper-2	Defence Economics	Theory	5
5	X	A121003R	Paper-3	Research Project cum Dissertation	Research Project	8

Note : *Select any One paper among papers mentioned below.

5	X	A121004T	*Paper-4-A	Disarmament & Arms Control	Theory	5
5	X	A121005T	*Paper-4-B	Disaster Management and National Security	Theory	5
5	X	A121006T	*Paper-4-C	Human Rights and Humanitarian Law	Theory	5

Note : *Select any One paper among papers mentioned below.

5	X	A121007T	*Paper-5-A	War and Peace in the Modern World	Theory	5
5	X	A121008T	*Paper-5-B	Cyber Security and Crime	Theory	5
5	X	A121009T	*Paper-5-C	Research Methodology	Theory	5

IMPORTANT NOTES

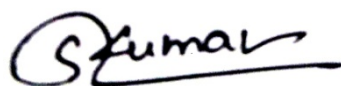
- एम०ए०/एम०एस०सी० प्रथम सेमेस्टर में छात्र एक प्रश्न-पत्र अन्य संकाय से चुनेंगे, जो माइनर कहलायेगा, उसका क्रेडिट 4 अंक का होगा।
- एम०ए०/एम०एस०सी० द्वितीय सेमेस्टर में पांचवा प्रश्न-पत्र (A120805R) रिसर्च प्रोजेक्ट/डिजर्टेशन (लघु-शोध) का होगा, जिसका क्रेडिट 8 अंकों का होगा। (डिजर्टेशन दोनों सेमेस्टर का संयुक्त होगा)
- एम०ए०/एम०एस०सी० चतुर्थ सेमेस्टर में तृतीय प्रश्न-पत्र (A121003R) रिसर्च प्रोजेक्ट/डिजर्टेशन (लघु-शोध) का होगा, जिसका क्रेडिट 8 अंकों का होगा। (डिजर्टेशन दोनों सेमेस्टर का संयुक्त होगा)
- **M.A. /M.Sc. 3RD SEMESTER, PAPER 3 AND 4 ARE OPTIONAL PAPERS** (Choose any ONE paper in papers 3A,3B,3C & ONE paper in papers 4A,4B,4C)
- **M.A. /M.Sc. 4TH SEMESTER, PAPER 4 AND 5 ARE OPTIONAL PAPERS** (Choose any ONE paper in papers 4A,4B,4C & ONE paper in papers 5A,5B,5C)
- **M.A. /M.Sc. 1ST SEMESTER, PAPER 1 can be opted as an elective by the students of following subjects: Political Science, History, International Relations, Defence & Strategic Studies.**
- **M.A. /M.Sc. 1ST SEMESTER , PAPER 1ST will cover the life aspectsof Indian great personality - Kautilya**

Syllabus Developed by:

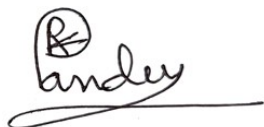
S. No.	Name	Designation	Department	College/ University
1	DR. MANOJ KUMAR MKISHRA	PROFESSOR	DEFENCE & STRATEGIC STUDIES	S.G.R.P.G. COLLEGE DOBHI, JAUNPUR (UP)
2	DR. RAM KRISHNA SINGH	PROFESSOR	DEFENCE & STRATEGIC STUDIES	S.G.R.P.G. COLLEGE DOBHI, JAUNPUR (UP)
3	Dr. Sant Kumar Yadav	PROFESSOR	DEFENCE & STRATEGIC STUDIES	Principal, Shri Shiva P.G. College, Terahi, Kaptanganj, Azamgarh
4.	Dr. R.K. Pandey	PROFESSOR	DEFENCE & STRATEGIC STUDIES	Principal, P.G. College Ghazipur
5.	Dr. Himanshu Singh	PROFESSOR	DEFENCE & STRATEGIC STUDIES	T.D. College, Jaunpur
6.	Dr. Lal Bahadur Ram	Assistant Prof.	DEFENCE & STRATEGIC STUDIES	Samata P.G. College, Sadat, Ghazipur

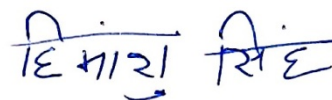












M.A./M.Sc. 1ST , SEMESTER 1ST , DEFENCE & STRATEGIC STUDIES, PAPER 1

Indian Art of Warfare upto1857

THEORY

Programme/Class: M.A./ M.Sc. 1 st year	Year: First	Semester: First
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120701T	Paper 1 /COURSE TITLE: Indian Art of Warfare upto1857	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Indian art of Warfare		
Credits: 5	Core Compulsory / Elective*	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. Development of Military System as out lined in the Vedic and Epic literature. 2. Indian Philosophy of War- Manu-Kautilya (Military Organization, weapon,Patterns, of Warfare 	15
II	<ol style="list-style-type: none"> 1. Mauryan Military System as described by Megasthenese. 2. Age of Guptas and Harshvardhan- Changes in Hindu Military System. 	15
III	<ol style="list-style-type: none"> 1. Arab and Turkish Invasion of India: New Trends of Warfare. 2. Rajput Military System-Art of Warfare with special reference to the battle ofTerrain. 3. Sultanate Period- Pattern of warfare with special reference to the economicreforms of Alaudin Khilji. 	15
IV	<ol style="list-style-type: none"> 1. Mughal Military System- New Trends –causes of Failure. 2. Maratha Military System- Land and Sea Warfare –Impact of Western influenceduring 18th century. 3. Sikh Military System- Pattern of Warfare of Khalsa Army 	15

V	<ol style="list-style-type: none"> 1. Anglo-Sikh Warfare with special reference to the battle of Sobraon. 2. Presidency Armies- Development with special reference to the battle of Assaye, 1803 A.D. 3. Indian war of Independence 1857 A.D. 	15

Suggested Readings:

BOOKS RECOMMENDED:

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|-----|-----------------------------------|---|
| 1- | Singh, S.D. | Ancient Indian Warfare with special reference to the Vedic Period |
| 2- | Basham, A.L. | The Wonder that was India. |
| 3 | Dikshitar, R.C. | War in Ancient India |
| 4- | Fuller, J.F.C. | The Generalship of Alexander the Great. |
| 5- | Majumdar, R.C. | Classical Account of India |
| 6- | Bhartiya Vidya Bhawan Publication | The Age of Imperial Unit. |
| 7- | Sastri, K.A. Nilakantha | Age of the Nandas and Mauryas |
| 8- | Ghoshal, U.N. | A History of Indian Public Life |
| 9- | Sastri, K.A. Nilakantha | A Comprehensive History of India Vol.II |
| 10- | Majumdar, R.C. | The Classical Age. |
| 11- | Kangle, R.P. | The Kautilya Arthashastra |
| 12- | Tod, James | Annals and Antiquities of Rajasthan Vol.II |
| 13- | Habib, M. and Nizami, K.A. | Comprehensive History of India. |
| 14- | Kar, H.C. | Military History of India. |
| 15- | Robert, P.E. | History of British India |
| 16- | Smith, V.A. | Oxford History of India |
| 17- | Fraser, L. | India under Curzon and After. |
| 18- | Prasad, B. | Freedom and Bondage |
| 19- | Prasad, B. | The Indian Armed Forces in World War II. |
| 20- | Dodwell, H.H. | Cambridge History of India, Vol.VI |
| 21- | Longer, V. | From Red Coat to Olive Green |
| 22- | Gopal, S. | British Policy in |

India And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: Political Science, History, International Relations, Defence & Strategic Studies

Suggested Continuous Evaluation Methods: Class Tests, Attendance
Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation.

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

M.A./M.Sc. 1ST , SEMESTER 1ST , DEFENCE & STRATEGIC STUDIES, PAPER 2

International Strategic Relations

THEORY

Programme/Class: M.A./ M.Sc. 1 st year	Year: First	Semester: First
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120702T	Paper-2/COURSE TITLE: International Strategic Relations	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of International Strategic environment		
Credits: 5	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. Introduction to the understanding of International Relations 2. Theories and Approaches: <ol style="list-style-type: none"> a) The Classical (Traditional) Approaches- Utopian Liberalism (Idealism)and Realism b) The Scientific Revolution- Behavioral approach, Systems Approach, c) Decision Making Theory, Game Theory & Communication Theory 	15
II	<ol style="list-style-type: none"> 1. The role of ideology in international relations with special reference to its role in Foreign Policy: Images & Beliefs. 2. Foundations and Limitations of National Power. 3. Concept of National Interest and its role in the formulation of foreign policy 4. Impact of Nuclear Developments on International Relations 	15
III	<ol style="list-style-type: none"> 1. The theories of Balance of Power and Collective Security. 2. Non-alignment: concept and importance in modern times 3. Diplomacy: Traditional concepts and contemporary trends. 4. Détente: Nature and US and Soviet perceptions 	15

IV	1. Concept of Nation State and Nation State - Elements of State 2. The birth of nations, Decolonization and the Neo-colonialism. 3. End of Cold War and New Cold War.	15
V	1. India and ASEAN; India and SAARC 2. India's Relation with USA, Russia, China, Pakistan 16. India's Foreign Policy: Its Foundations and Practice	12

Suggested Readings:

BOOKS RECOMMENDED:

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19-
20- | Aron,R.
Wright, Q.
Frankel, J.
Knorr and Verba
Sprout and Sprout
Gibbs, G.
Northeges
Frankel, J.
Goldwin, R.
Gupta, M.G.
Morgenthau, H.J.
Thompson, D.
Black,C.
Kar, E.H.
Bernard, L.
Deutsch, Karl, W.
Palmer, N.D. &
Perkins, H.C.
Kumar, M.
Calvocoressi, P.
Columbus, T.A.
Justiceand Wolfe, J.H. | War and Peace
A Study of War
International Relations
The International Politics
International Politics
Problem of International Relations
Foreign Policy and Powers
Making of the Foreign Policy
Readings in World Politics
International Relations, Vol. I and
Politics among the Nations
Foreign Policy of the World
Neutralization
Between Two World Wars
War and Its Cause
The Analysis of International Relations
International Relations
Theoretical Aspects of International Politics
World Politics since 1945
International Relations: Power and |
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And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation.

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

M.A./M.Sc. 1ST , SEMESTER 1ST , DEFENCE & STRATEGIC STUDIES, PAPER 3
Politics and Security of the Indian Ocean
 THEORY

Programme/Class: M.A./ M.Sc. 1 st year	Year: First	Semester: First
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120703T	PAPER 3/COURSE TITLE: Politics and Security of the Indian Ocean	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Importance of Security of Indian Ocean		
Credits: 5		Core Compulsory / Elective
Max. Marks: 25+75		Min. Passing Marks: 36
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	1. Indian Ocean region as a concept and reality 2. Coastal states, hinterland states and islands: (i) The Political characteristics of the region (ii) Naval bases in the Indian Ocean Area during the Cold War and after (iii) Major Sea routes in the region	15
II	1. Political, strategic, Economic and Military importance of Indian Ocean (iv) Ideologies in Indian Ocean (v) Economic and strategic interdependence of the region (vi) Super power vs Middle Powers and militarization of the region (vii) Strategic Importance of the region: Militarily and Economically	15
III	1. Interests of External Powers: USA, Russia, China, Japan, Western Europe. 2. Future trends and prospects of security in the region.	15
IV	1. Indian Ocean as a Zone of Peace 2. Maritime Strategy of India	15

V	8. Prospects of Cooperation in the Indian Ocean Region 9. Concept of RIM and Indian Ocean	15
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Suggested Readings:

BOOKS RECOMMENDED:

1. —Freedom to use the Seas: India’s maritime Military Strategy||, Integrated HQ, Ministry of Defence, (Navy), New Delhi, 2007
2. Jasjit Singh, —Maritime Security||, Institute for Defence Studies and Analyses, New Delhi, 1993
3. Kunwar Rajendra Singh, —Maritime security for India: New Challenges and Responses||, New Century Publications, 2008
4. Michael Mc Nicholas, —Maritime Security: An Introduction||, Butterworth-Heinemann Publications, USA, 2008.
5. Prabhakaran Paleri, -Role of the Coast Guard in the Maritime Security of India|| (Second Edition), Knowledge World Publishers Pvt. Ltd, New Delhi, 2007

And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

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Suggested Continuous Evaluation Methods: Class Tests, Attendance

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Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation.

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Suggested equivalent online courses:

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Further Suggestions:

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At the End of the whole syllabus any remarks/ suggestions:

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M.A./M.Sc. 1ST , SEMESTER 1ST , DEFENCE & STRATEGIC STUDIES, PAPER 4
WMD, NUCLEAR PROLIFERATION AND NATIONAL
SECURITY
 THEORY

Programme/Class: M.A./ M.Sc. 1 st year	Year: First	Semester: First
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120704T	PAPER 4/COURSE TITLE: WMD, NUCLEAR PROLIFERATION AND NATIONAL SECURITY	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of WMD, nuclear proliferation and different aspects of national security		
Credits: 5		Core Compulsory / Elective
Max. Marks: 25+75		Min. Passing Marks: 36
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. Basic Concepts and Theory <ol style="list-style-type: none"> (i) Concepts of Disarmament & Arms Control (ii) Objectives and Conditions of Disarmament (iii) Approaches to Disarmament & Arms Control 2. Historical Survey of Disarmament Efforts: <ol style="list-style-type: none"> (i) Under the League of Nations (ii) Under the United Nations (iii) Role of Non-aligned Nations in Disarmament Negotiations 	15
II	<ol style="list-style-type: none"> 1. Weapons of Mass Destruction: Nuclear, Chemical & Biological Weapons. 2. Traditional Arms Control and Disarmament - Nuclear Arms Limitation NuclearArms Control Treaties. 	15

III	<ol style="list-style-type: none"> 1. Convention and Biological Weapons Convention 2. Concept of Nonproliferation, Nonproliferation Treaty, CTBT, PTBT & other treaties Nuclear Export Control Regimes 	15
IV	<ol style="list-style-type: none"> 1. New Challenges and Responses - Missile Defense, Cooperative Threat Reduction and G-8 Global Partnership 2. Disarmament & Arms Control and Economic Development 3. Terrorism and Nuclear Proliferation 	15
V	<ol style="list-style-type: none"> 1. Concept of Star Wars and NMD 2. Concept and Theory of Deterrence: Nuclear and Conventional. 	15
Suggested Readings:		
Books and journals as recommended by the teacher		
This course can be opted as an elective by the students of following subjects:		
Suggested Continuous Evaluation Methods: Class Tests, Attendance		
Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation.		
Suggested equivalent online courses:		
Further Suggestions:		

At the End of the whole syllabus any remarks/ suggestions:
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M.A./M.Sc. 1ST , SEMESTER 2ND , DEFENCE & STRATEGIC STUDIES, PAPER 1

Strategic thought

THEORY

Programme/Class: M.A./ M.Sc. 1 st year	Year: First	Semester: Second
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120801T	PAPER 1/COURSE TITLE: Strategic Thought	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Strategic Thoughts of different thinkers		
Credits: 5	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	Manu : On War, Inter-State Relations and Diplomecy Kautilya : On War, Types of War , Saptang Theory, Composition of the Army, Inter-State Relations and Diplomacy	12
II	N. Machiavelli : On War, War and Policy	12
III	K. Clausewit : On War, War and Policy, Strategy and Tactics A. Jomini : Mass Army Strategy, Line of Opera Logistics F. Engles and K. Marx : War V.I. Lenin & J. Stalin : War, Soviet Military Strate Revolutionary War	12
IV	J.F.C. Fuller : Armoured Warfare L.Hart : Armoured Warfare G. Douhet, : The Theory of Airpower H. Mackinder : Heartland Theory	12
V	Mao-Tse-Tung : Guerrilla Warfare Mahatma Gandhi : Techniques of Conflict Resolution	12

Suggested Readings:

Aspray, R.P.	War in the Shadow: The Guerrilla in History
Beaufre, A.	An Introduction to Strategy with particular reference to Problem of Defence, Politics, Economics and Diplomacy in Nuclear Age
Beaufre, A.	Strategy of Action
Brien, Bond	Liddel Hart : A Study of his Military Thought
Brodie, B.	A Guide to Naval Strategy
Brodie, B.	Strategy in Missile Age
Burton, A.	Revolutionary Violence
Clausewitz, K.	On War
Dixon, C.A. and Heilburn, D.	Communist Guerrilla Warfare
Earle, E.M.	Makers of Modern Strategy
Peter Parett	Makers of Modern Strategy
S.Adhikari	Modern Strategic Thought
RK Singh	Important strategic thinker of world

This course can be opted as an elective by the students of following subjects: .

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Suggested Continuous Evaluation Methods: Class Tests, Attendance
Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..
Suggested equivalent online courses:
Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

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M.A./M.Sc. 1ST , SEMESTER 2ND , DEFENCE & STRATEGIC STUDIES, PAPER 2
INDIA'S DEFENCE POLICY & ORGANIZATION
 THEORY

Programme/Class: M.A./M.Sc. 1 st year	Year: First	Semester: Second
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120802T	PAPER 2/COURSE TITLE: INDIA'S DEFENCE POLICY & ORGANIZATION	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of India's defence policy		
Credits: 5	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. India's Defence Policy during British Period. 2. Partition of Indian Armed Forces 3. Reconstruction of Indian Armed forces after 1947. 4. Defence Policy of India: 1947-1971. 5. Defence Policy of India: 1971 onwards 	12
II	<ol style="list-style-type: none"> 1. India-China boundary disputes and India-China Relations 2. India-Pakistan Relations in the light of disputes exist between them. 3. Higher Defence Organization in India. <ol style="list-style-type: none"> a) Powers of the President in relation to the Armed forces. b) Parliament and Armed forces. c) Defence committee of the cabinet. d) Ministry of Defence. National Security Council 	12
III	<ol style="list-style-type: none"> 1. India' Nuclear and Missile programme Structure of Indian Armed Forces: Army, Navy, Air force 	12
IV	<ol style="list-style-type: none"> 1. Civil-Military Relations 2. Research & Development and Defence Production 	12
V	<p align="center">Internal Threats to India's Security: Socio, economic, political, science & Technological, Military and allied aspects</p> <p>Counter Terrorist Strategy of India</p>	12

Suggested Readings:

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|----|-------------------|--|
| 1- | Rao, P.V.R. | India Defence Policy and Organization since Independence |
| 2- | Rao, P.V.R. | Defence without Drift |
| 3- | Saigal, J.R. | Un-fought War of 1962 |
| 4- | Shah, A. | India's Defence and Foreign Policy |
| 5- | Singh,S | Defence of the Western Border |
| 7- | Singh, R. | Aspect of Indian Defence |
| 8- | Subrahmanyam, K. | India's Security Perspectives |
| 9- | Venkateswar, A.L. | Defence Organization in India |

And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

M.A./M.Sc. 1ST , SEMESTER 2ND , DEFENCE & STRATEGIC STUDIES, PAPER 3

Concept of War & Peace

THEORY

Programme/Class: M.A./ M.Sc. 1 st year	Year: First	Semester: Second
Subject: Defence & Strategic Studies		
Course Code: A120803T	PAPER 3/COURSE TITLE: Concept of War & Peace	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of War & Peace		
Credits: 5	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	1. Introduction (a) Nomenclature, Understanding of Military Science. Military Studies, War Studies, Peace Studies, Conflict Studies Defence Studies and Strategic Studies (b) Relevance & Significance	12
II	(a) Basic Concepts of War, Strategy, Grand Strategy, Tactics, Campaign, Battels, Operation Defence & Security (b) Categorization of War: Civil War. Limited War, Chemical and Biological War, Nuclear War, Guerilla War, Insurgency and Low Intensity Conflicts	12
III	1. Causes and Principles of War: Practice in moderntimes with examples	12
IV	1. Understanding of Peace: (a) Meaning, Definition & Forms of Peace (b) Role of Peace Education and Peace Movements (c) Concepts of peaceful Co-existence & Zone ofPeace.	12
V	1. Mechanics of War & Peace: <ul style="list-style-type: none"> • Amicable Settlement of International dispute • Peace Treaties, • Concepts of Peace making, Peace Keeping & Peace Building 	12
Suggested Readings: Books and journals as recommended by the teacher		

M.A./M.Sc. 1ST , SEMESTER 2ND , DEFENCE & STRATEGIC STUDIES, PAPER 4
INTERNATIONAL LAW
 THEORY

Programme/Class: M.A./ M.Sc. 1 st year	Year: First	Semester: Second
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120804T	PAPER 4/COURSE TITLE: International Law	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts, meaning and importance of International law		
Credits: 5		Core Compulsory / Elective
Max. Marks: 25+75		Min. Passing Marks: 36
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. International Law: Definition and Nature, Sources, subject 2. Concept of State and its types, Recognition of State, Nationality. 3. Extradition and Asylum. 	12
II	<ol style="list-style-type: none"> 1. International Institutions with particular reference to the League of Nations and the United Nations Organization. 2. Collective Security under United Nations 3. Settlement of Disputes: Peaceful and Coercive methods 	12
III	<ol style="list-style-type: none"> 1. Restructuring of United Nations 2. Characteristics of war. The Belligerents, The Armed Forces of the Belligerents, Enemy Character. 3. Laws of Land, Sea and Air Warfare 	12
IV	<ol style="list-style-type: none"> 1. Nuclear Biological & Chemical Warfare. 2. Legal Control of International Conflict. Attempts to Prohibit War (From Pact of Paris to the Charter of United Nations.) 3. Relation between Belligerents and Neutrals. Rights and Duties of Neutrals, War like preparation and operations; Violation of Neutrality 	12
V	<ol style="list-style-type: none"> 1. Blockade: Conception, Establishment, breach and penalties for breach, 2. Contraband: Conception, Absolute and Conditional contraband. Direct and Indirect carriage of contraband penalties. 3. Modern developments and the Law of Neutrality. 	12

Suggested Readings:

- | | |
|---------------------|--|
| 1. Oppenheim | International Law Vol. I & II |
| 2. Julius Stone | Legal Controls of International Conflict |
| 3. Castren | Modern International Law of War |
| 4. Wright, Q. | Study of War, 2 Vols. |
| 5. Starke, J.G. | International Law |
| 6. Dhokalia, R.P. | International Law |
| 7. Fenwick. | International Law |
| 8. Ian Brownlie. | Principles of Public International Law |
| 9. Max Sorensen. | Manual of Public International Law |
| 10. Kotsch. | The Concept of War in Contemporary-
historyand International Law. |
| 11. Brierly. | The Law of Nations |
| 12. Oscar Svarlien. | An Introduction to the Law of Nations |

And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

**M.A./M.Sc. 1ST , SEMESTER 2ND , DEFENCE & STRATEGIC STUDIES, PAPER 5
RESEARCH PROJECT CUM DISSERTATION**

Programme/Class: M.A./M.Sc. 1 st year	Year: First	Semester: Second
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120805R	PAPER 5/COURSE TITLE: RESEARCH PROJECT CUM DISSERTATION	
Course outcomes: The student at the completion of this course will be able to understand the importance of project work & dissertation on different Defence topics		
Credits: 8	Core Compulsory / Elective	
Max. Marks: 25+75 (100)	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	
	<p>The candidates would be required to write a Dissertation on an allotted topic under the supervision of a Faculty Member who would act as the Supervisor.</p> <p>The topic would be decided by candidates in consultation with respective Supervisors within a board framework of the research methodology, discipline with particular reference to national Security, International Relations, Area Studies and International Security (रिसर्च प्रोजेक्ट / डिजर्टेशन प्रथम एवं द्वितीय सेमेस्टर (वर्ष के अंत में) का संयुक्त होगा, जिसका क्रेडिट 8 होगा)</p>	
Suggested Readings:		
<ol style="list-style-type: none"> 1. Author Sir name, Initials, "Book Title", Publisher name, City/country of publication, Year of publication. Edition No. if any. 2. Author Sir name, Initials, "Book Title", Publisher name, City/country of publication, Year of publication. Edition No. if any. 3. Suggestive digital platforms web links- 		
This course can be opted as an elective by the students of following subjects:		
Suggested Continuous Evaluation Methods: Class Tests, Attendance, DISCUSSION & PRESENTATION		
Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..		
Suggested equivalent online courses:		
Further Suggestions:		

At the End of the whole syllabus any remarks/ suggestions:

M.A./M.Sc. 2ND , SEMESTER 3RD , DEFENCE & STRATEGIC STUDIES, PAPER 1
NATIONAL SECURITY
 THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: third
Subject: Defence & Strategic Studies		
Course Code: A120901T	PAPER1 /COURSE TITLE: National Security	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of National Security		
Credits: 5	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. Concept of National Security with reference to the contemporary thinking. 2. Comprehensive Security and Human Security 3. Defence, Foreign, Security and Domestic Policies; Concept. formulation, objectives and linkages. 	15
II	<ol style="list-style-type: none"> 1. Military Alliances and Pacts, Peace Treaties, Defence Cooperation, 2. Environmental Security 3. Armaments: Arms Race, Arms Aid, Arms Trade and Small Arms Proliferation. 	15
III	<ol style="list-style-type: none"> 1. Proliferation of Weapons of Mass Destruction (WMD) and NPT, CTBT, MTCR, NMD, and FMCT. 2. Military, Nuclear and Missile capabilities of China, Pakistan and India. 3. Military-Industrial Complex. 	15
IV	<ol style="list-style-type: none"> 1. End of Cold War and emergence of New World Order. New Trends after Sept. 11, 2001 2. India's Relation with USA, Russia, China, Pakistan, 	15
V	<ol style="list-style-type: none"> 1. Confidence Building Measures: Concept, Kinds, Tools and Implementation. 2. Civil Defence Civil-Military Relations 	15

<p>Suggested Readings:</p> <p>4. Author Sir name, Initials, “Book Title”, Publisher name, City/country of publication, Year of publication. Edition No. if any.</p> <p>5. Author Sir name, Initials, “Book Title”, Publisher name, City/countrye of publication, Year of publication. Edition No. if any.</p> <p>6. Suggestive digital platforms web links-</p>
<p>This course can be opted as an elective by the students of following subjects: .</p> <p>.....</p>
<p>Suggested Continuous Evaluation Methods: Class Tests, Attendance</p> <p>.....</p>
<p>Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..</p> <p>.....</p>
<p>Suggested equivalent online courses:</p> <p>.....</p>
<p>Further Suggestions:</p> <p>.....</p>

At the End of the whole syllabus any remarks/ suggestions:

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M.A./M.Sc. 2ND , SEMESTER 3RD , DEFENCE & STRATEGIC STUDIES, PAPER 2
ART OF WAR IN INDIA (AFTER 1947)

THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: third
Subject: Defence & Strategic Studies		
Course Code: A120902T	PAPER 2/COURSE TITLE: Art of War in India (After 1947)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Art of War in India		
Credits: 5	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<u>Partition of India</u> (a) Status of Armed forces (b) Partition of India (c) genesis and prospects of Kashmir dispute (d) Military operation in Kashmir (1948)	20
II	<u>Sino-Indian war 1962</u> (a) Border dispute (b) Military operations in brief (c) Politico military lessons	15
III	<u>Indo-Pak war 1965 and 1971</u> (a) Background and causes of indo-Pak war 1965 (b) Military operations on Western Fronts, Politico military lessons (c) Genesis and Causes of Indo-Pak war 1971 (d) Military operation in Eastern front and Emergence of Bangla Desh Politico military lessons	20
IV	<u>Kargil conflict 1999</u> (a) Causes (b) Military operation, Role of IAF (c) Lessons	20

Suggested Readings:

1. Singh Bhopinder - Indo - Pak conflict on Kashmir
2. Chopra, MK - India - the search for power
3. Cohen, SP - The Indian army
4. Cohen, SP - The Pakistan army
5. Dalvi, JP - Himalyan blunder
6. Sinha, S - The Chinese aggression
7. Murti, TS - India - China boundary: India's option
8. Maxwells - India's china war of 1962.
9. Gupta, sisir - Kashmir
10. Singh Nagendra - The theory of force and organization of defence
11. Mankekar, DR - 22 Faithfull days
12. Singh harbaksh - Indo - Pak conflict 1965
13. Palit DK - War in deterrent age
14. Singh, S - Liberation of Bangladesh
15. Kavic, LJ - India's quest for security
16. Saigal, JR - Unfought war of 1962
17. Subramanyam, K - India's security and Bangladesh
18. Singh, Jasjeet - KARGIL 1999

This course can be opted as an elective by the students of following subjects: .

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Suggested Continuous Evaluation Methods: Class Tests, Attendance

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Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

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Suggested equivalent online courses:

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Further Suggestions:

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At the End of the whole syllabus any remarks/ suggestions:

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**M.A./M.Sc. 2ND , SEMESTER 3RD , DEFENCE & STRATEGIC STUDIES, PAPER 3A
SCIENCE & TECHNOLOGY AND NATIONAL SECURITY
(OPTIONAL)
THEORY**

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: third
Subject: Defence & Strategic Studies		
Course Code: A120903T	PAPER 3A/COURSE TITLE: Science & Technology and National Security (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & importance of Science & Technology in National Security		
Credits: 5	Core Compulsory / OPTIONAL	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. The Age of Gun Powder and the beginning of Modern Warfare up to Napoleonic Era :- Small Arms, Artillery, Naval Weapons, Strategy & Tactics on Land & Sea, Evolution of Air Power 2. Impact of S & T before World War I <ol style="list-style-type: none"> a) Emergence of Professional Army & military theory b) Weapons and Tactics on Land c) Weapons and Tactics on Sea d) Introduction of Aerial Weapons and concepts of Air Power 	15
II	<ol style="list-style-type: none"> 1. World War I and The Era of Total Wars Revolution in Arms & Technical Advances in Land Warfare Weapons & Tactics in Sea Warfare Weapons & Tactics in Air Warfare – the concept of Flights Triumph 2. World War II and the dawn of Nuclear Era. Introduction of Hi-Tech weapons-Missiles, Submarines etc., The Birth of Nuclear Weapons & Nuclear Doctrines Revolution in Delivery systems – introduction to various kinds of Missiles- ICBM, SLBM etc 	15

III	<ol style="list-style-type: none"> 1. Revolution in Military Affairs and its impact on weapons and warfare <ul style="list-style-type: none"> • Emergence of New Technologies Revolution in Small Arms in Low Intensity Conflicts • Emergence of Improvised Explosive Devices (IED)& its impact on LIC 2. Electronic Warfare and its Impact. 3. Information Warfare 	15
IV	<ol style="list-style-type: none"> 1. Chemical & Biological Weapons 2. Nuclear Weapons and Missile technology 	15
V	<ol style="list-style-type: none"> 1. New Conventional Weapons: Precision Guidance, Accuracy, Throwweight, Command and Control and Communications 2. Transfer of Technology 3. Structure of Interdependence 4. Automation of Weapon System and its Impact of Strategy 	15

Suggested Readings:

- Deva Yashwant(1996) Duel-use of Information Technology (An Indo Centric perspective): New Delhi, IDSA.
- Hard David(1983) Nuclear power in India: London, George Allen.
- Jayant Baranwal S.P's Military Year Book: New Delhi, Guide Publishers.
- John Erickson (1966) The Military Technical Revolution: Its impact on strategy and foreign policy: New York, Frederick A Praeger.
- Khana S.K(1998) India: A Nuclear Power: New Delhi, Commonwealth Publishers.
- Lal A K (2003) Space warfare and Military Strategy.(An Indian Perspective):New Delhi, USI of India.
- Rajan, Y.S(2001) Empowering India(with Economic, Business and Technology, Strengths for the twentyfirst century): New Delhi, Har Anand.
- Sen S.K(2000) Military Technology and Defence Industrialisation: New Delhi,Manas Publishers.
- Siddhartha. K(1999) Oceanography, A brief introduction 3rd. Edition: New Delhi,Kisalaya Publishers.

Tellis, A(2001)	India's Emerging nuclear posture: Oxford, Oxford University Press
Tewari, R. & Tewari, V.M(1996)	The High-Tech War of twentieth century: New Delhi, Vikas Publishing House.
Thee Marek(1986)	Military technology, Military Strategy and Arms Race: London, Groom Helm.
Arcangelis, Mariode(1990)	Electronics Warfare, Ratna , New Delhi.
Rehman,A (1972)	Science Technology and Society: New Delhi, People's Publishing House.
Anand A(2003)	Information Technology : The future warfare weapons: New Delhi, Ocean books.
Baranson, Jack(1978)	Technology and the Multinationals: Lexington, Lexington Books.
Johan Erickson (Ed.)(1966)	The Military Technical Revolution: Its Impact on strategic and Foreign Policy: New York, Frederick A Prager.
Macksey, Kenneth (1986)	Technology in War: The impact of Science on weapon development and modern Battle: NY, Printice Hall.
Mann T.S.(1982)	Transfer and Technology: Bombay, Himalaya Publications House.
Jasbir R.K(1987)	Handbook of military science
and Armament Technology:	Dehradun, Natraj publications.
Jasbir R.K.	Indian Defence Year Book: Dehradun Natraj Publication.
Jayant Baranwal SP's	Military Year Book: New Delhi, , Guide Publishers.
Singer, H.W(1988)	Technology Transfer by Multinational Vol.I & II: New Delhi, Ashish
Rajan, Y.S. (2001)	Empowering India (with Economic Business & Technological strengths for the twenty First Century) : New Delhi, Hari
Anand.	
Zackerman Sully Sir(1966)	Science and war : London, Harmish Hamilton, And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

**M.A./M.Sc. 2ND , SEMESTER 3RD , DEFENCE & STRATEGIC STUDIES, PAPER 3B
**GEOPOLITICAL & MILITARY GEOGRAPHY
(OPTIONAL)
THEORY****

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Third
Subject: Defence & Strategic Studies		
Course Code: A120904T	PAPER 3B/COURSE TITLE: Geopolitical & Military Geography (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & Importance of Geopolitical aspects and military geography		
Credits: 5	Core Compulsory / OPTIONAL	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. Scope and Importance of geopolitics 2. Evolution of Geopolitical Thoughts since the 19th Century: (a) Organic Theory of State (b) Sea Power Theory, (c) land Power Theory, (d) RimLand Theory, (e) German Geopolitics 	15
II	<ol style="list-style-type: none"> 1. Geopolitics during the ColdWar Period: (a) Cold War relevance of Heartland Theory, (b) Four Dimensional Worlds 2. Geopolitics in the post cold war era. 3. Role of Geography in Military applications 	15
III	<ol style="list-style-type: none"> 1. Important and Scope of Logistics: (a) Resources, (b) Industries, (c)Supply Chain, (d)Transportation and Communication 2. Planning Process and Principles of Strategic Geography 3. Role of Geography in land Warfare 	15
IV	<ol style="list-style-type: none"> 1. Role of Geography in Sea Warfare 2. Role of Geography in Air Warfare 3. Weather conditions of Sea as factors in amphibious and airborne Operations. 	15

V	<ol style="list-style-type: none"> 1. Military Geography of India and Defence Problems: (a) India's boundaries, terrain in border areas, weather and communication, (b) Population in border areas and its implications to border security 2. Remote Sensing: Role of Remote Sensing in Development and National Security 	15
<p>Suggested Readings:</p> <p style="text-align: center;">Books and journals as recommended by the teacher</p>		
<p>This course can be opted as an elective by the students of following subjects: .</p> <p>.....</p>		
<p>Suggested Continuous Evaluation Methods: Class Tests, Attendance</p> <p>.....</p>		
<p>Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..</p> <p>.....</p>		
<p>Suggested equivalent online courses:</p> <p>.....</p>		
<p>Further Suggestions:</p> <p>.....</p>		

At the End of the whole syllabus any remarks/ suggestions:

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M.A./M.Sc. 2ND , SEMESTER 3RD , DEFENCE & STRATEGIC STUDIES, PAPER 3C
INTERNATIONAL CONFLICT RESOLUTION
(OPTIONAL)
 THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Third
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120905T	PAPER 3C/COURSE TITLE: International Conflict Resolution (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of International Conflicts and their resolution		
Credits: 5	Core Compulsory / optional	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	Introducing international relations - What is conflict - Conflict Structure - Conflict Theories - Sources of conflictevaluation.	15
II	Evolution -Main concepts of conflict analysis - Tools of conflict analysis - Conflict Prevention and Conflict Management.	15
III	Processes of Conflict management: Mediation, Prevention and Intervention; Human rights/Refugee Laws - Case studies.	15
IV	Complexities in Conflict Management - Use of technology to manage conflicts - From ceasefire to mediation - the process of conflict management - Case studies.	15
V	Truth and reconciliation commission - New issues in conflict management - Case studies - Future of the field	15

Suggested Readings:

1. Chester A. Crocker, Fen Osler Hampson, and Pamela Aall, eds. Turbulent Peace: The Challenges of Managing International Conflict, Washington, United States Institute of Peace, 2001.
2. Gil Loescherl and James Milner, Protracted Refugee Situations, Adelphi Paper 375 John Burton. Conflict: Resolution and Prevention. New York: St. Martin's Press.
3. Kriesberg, Louis, Constructive Conflicts: From Escalation to Resolution, Rowman & Littlefield, Maryland, 1998
4. Peter Wallensteen, Understanding Conflict resolution, Sage Publications, 2003

Reference Books:

1. Alex J. Bellamy and Paul D. Williams, Understanding Peacekeeping, Polity Press, UK, 2010
2. Crocker, Chester A., Fen Osler Hampson and Pamela Aall, (eds.) Managing Global Chaos: Sources of and Responses to International Conflict Washington, D.C., USIP, 1996
3. Deutsch, Morton, The Resolution of Conflict: Constructive and Destructive Processes, New Haven, Yale University Press, 1973
4. Gerard Prunier, Darfur: The Ambiguous Genocide, Ithaca: Cornell University Press, 2005.
5. Myra Warren Isenhardt, Michael Spangle, Sage Publications, USA, 2000
6. Peter Harris, Ben Reilly, eds., Democracy and Deep-rooted conflict: Options for negotiators, IDEA, 1998

And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

M.A./M.Sc. 2ND , SEMESTER 3RD , DEFENCE & STRATEGIC STUDIES, PAPER 4A
STRATEGIC DIMENSIONS OF SINO INDIAN & INDO-PAK RELATIONS (OPTIONAL)
THEORY

Programme/Class: M.A./ M.Sc. 2 nd year		Year: Second	Semester: Third
Subject: Defence & Strategic Studies (Military Science)			
Course Code: A120906T		PAPER 4A/COURSE TITLE: STRATEGIC DIMENSIONS OF SINO-INDIAN & INDO-PAK RELATIONS (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & Importance of Sino Indian relation and Indo Pak relations			
Credits: 5		Core Compulsory / optional	
Max. Marks: 25+75		Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.			
Unit	Topics		No. of Lectures
I	1. Genesis of Sino-Indian Relations 2. The Boundary Dispute with China		15
II	3. China- India Military Balance 4. China's Policy towards India's Neighbors 5. Rise of India and China: Cooperation and Competition		15
III	6. Genesis of India-Pakistan Conflict 7. Strategic Dimension of India- Pakistan Relations 8. Sino- Pakistan Nexus		15
IV	9. The Kashmir Problem 10. Pakistan Sponsored Terrorism 11. Pakistan's Nuclear Strategy		15
V	12. Contentious Issues: Siachin, Sir Creek, Sharing of River Waters etc. 13. Prospects for Indo-Pak Relations		15

Suggested Readings:

Dalvi, J. P.	Himalayan Blunder
2. Lamb Alistair	Kashmir: A Disputed Legacy
3. Sandhu, P.J.S.	Rising China
4. Sidhu, Waheguru Pal Singh	China and India: Cooperation or
Conflict& Yuan, Jing Ding	
5. Subramaniam, R. R.	India Pakistan China: Defence and Nuclear
	Tangle in South Asia
6. Maxwell, Nevile	India's China War
7. Bajpai, Kanti	The Peacock and the Dragon: India- China
	Relations in the 21 st Century
8. Rao, Gondkar Narayan	The India-China Border: A Reappraisal
9. Kaul, H. N.	India China Border in Kashmir
10. Tinker, Hugh	India and Pakistan: A Political Analysis
11. Sinha, S. K. Lt. Gen.	Operation Rescue: Military Operation in
	Jammu & Kashmir
Noorani, A. G.	The Kashmir Dispute, Vol. I and II. And other books and journals as recommended by
	the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

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M.A./M.Sc. 2ND , SEMESTER 3RD , DEFENCE & STRATEGIC STUDIES, PAPER 4B
INTERNAL SECURITY IN INDIA
(OPTIONAL)
 THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Third
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120907T	PAPER 4B/COURSE TITLE: Internal Security in India (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Internal Security threats in India		
Credits: 5	Core Compulsory / optional	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	1. Internal Security as Integral form of National Security: Vital National Assets/Installations - Elements of Power – Concept of Internal Security Management Traditional and Non – Traditional Threats - External and externally fostered Internal Threats - Threats from Land, Air, Sea and Space - Cyber& Economic Threats	15
II	1. Brief Background of Insurgencies: a) Indo-China b) Malaya c) Afghanistan d) Sri-Lanka 2. Causes of Insurgency and Counter- Insurgency: a) Causes of Insurgency in India. b) Counter-Insurgency measures adopted by the government. c) Growth of Urban terrorism in India and steps taken Insurgency and Human Right Issues	15

III	<p>1. Cause of Internal Security Challenges and State's response:</p> <p>a) Cross Border Terrorism</p> <p>b) Low Intensity Conflicts</p> <p>c) Maoism/Left Wing Extremism</p> <p>Societal Challenges</p>	15
IV	<p>1. Governance in Internal Security:</p> <p>a) Role of Security Forces</p> <p>b) Role of Policy and Doctrine</p> <p>c) Role of Intelligence Agencies</p> <p>d) Border Security Management</p>	15
V	<p>1. Role of State:</p> <p>a) Structure of Internal Security Management System in Union of India & State Governments</p> <p>b) Law Enforcement</p> <p>c) Policies of Union & State Governments</p> <p>d) Role of Armed Forces and Para-military Forces in Internal Security Management</p>	15

Suggested Readings:

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|--------------------------|---|
| 1. Palit, D.K. | Essentials of Guerilla Warfare |
| 2. Tzu, Sun | The Art of War. |
| 3. Fall, Bernard | Street without Joy |
| 4. James, Dariial | Che Guevara |
| 5. Debrey, Regis | Che Guevara |
| 6. Earle, E.M. | Makers of Modern Strategy |
| 7. Wolf, Eric R. | Peasant Wars of the 20th Century |
| 8. Shub, David | Lenin |
| 9. Liddell Hart | Deterrence of Defence |
| 10. Mark Franklin Modern | Guerilla Warfare |
| 11. Mao Tse-Tung | Guerilla Warfare |
| 12. Buchan, A | War in Modern Society. |
| 13. Solvolosky | Soviet Military Strategy. |
| 14. Khan, H. | On Escalation |
| 15. George M. | Nationalism and Revolution in Indonesia |
| 16. Cady, J.F. | History of Burma |
| 17. Osanka, F.M. | Modern Guerilla Warfare |
| 18. Asprey, Robert | War in the Shadows |
| 19. Nasution, A.H. | Fundamentals of Guerilla Warfare |
| 20. Clutterbuck, Richard | Guerillas and Terrorist |
| 21. Lacquer, Walter, | Guerilla |
| 22. Thompson, Robert | Defeating Communist Insurgency |
| 23. Mohanty, Manoranjan | Political Philosophy of Mao Tse-Tung |

And other books and journals as recommended by the teacher

M.A./M.Sc. 2ND , SEMESTER 3RD , DEFENCE & STRATEGIC STUDIES, PAPER 4C
South Asia : Conflict & Cooperation(Optional)
THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Third
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A120908T	PAPER 4C/COURSE TITLE: South Asia : Conflict & Cooperation (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Conflict and cooperation		
Credits: 5	Core Compulsory / optional	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. Geo-Political setting of South Asia. 2. Social & Cultural Structure of South Asia (Diversity of Race, Language & Religion) 3. Economic & Human resources of South Asia 	15
II	<ol style="list-style-type: none"> 1. Governance of Modern South Asia. 2. Power Rivalries in South Asia: USA, USSR, U.K, & China during Cold War era. 3. Indo-Sri Lankan Relations. 	15
III	<ol style="list-style-type: none"> 1. Internal Problems & Conflicts in South Asian Region India Pakistan Sri Lanka, Bangladesh, Nepal, Bhutan & Maldives 2. Afghanistan, Myanmar & China Strategic importance for South Asia. <p>Regional Cooperation in South Asia under the aegis of SAARC</p>	15
IV	<ol style="list-style-type: none"> 1. Intra-Regional Trade & Balance of Payment. 2. Prospects of Sub-Regional Cooperation 3. Problem of Refugees Causes of Migration and population in Border & BorderSecurity 	15

V	<ol style="list-style-type: none"> 1. Role of Pressure Groups (Religion Language, Caste Tribal Groups. Women, Youth, Media) in National Integration 2. Pattern of Civil-Military Relations in South Asian Countries 	15
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Suggested Readings:

Text Books:

1. Problems of governance in South Asia, Centre for Policy Research (New Delhi, India), Konark Publishers, 2000 – Political Science – 479 pages.
2. The Geopolitics of South Asia: From Early Empires to the Nuclear Age Graham Chapman, Ashgate Publishing, Ltd., 2003 – 333 pages

Reference Books:

1. Cooperation And Conflict In South Asia, Partha Sarathy Ghosh Technical Publications, 1989 – 265 pages
2. South Asian Security and International Nuclear Order: Creating a Robust Indo-Pakistani Nuclear Arms Control Regime, Mario Esteban Carranza, Ashgate Publishing, Ltd., 14-Sep-2009 – 198 pages
3. Stability in South Asia, Ashley J. Tellis, Rand Corporation, Arroyo Centre, United States. Army, RAND, 1997 – History - 80 pages.

And other books and journals as recommended by the teacher.

This course can be opted as an elective by the students of following subjects: .

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Suggested Continuous Evaluation Methods: Class Tests, Attendance

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Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

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Suggested equivalent online courses:

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Further Suggestions:

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At the End of the whole syllabus any remarks/ suggestions:

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M.A./M.Sc. 2ND , SEMESTER 4TH , DEFENCE & STRATEGIC STUDIES, PAPER 1
PSYCHOLOGY & THE ARMED FORCES
 THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Fourth
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A121001T	PAPER 1/COURSE TITLE: Psychology and The Armed Forces	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Military psychology and importance with respect to armed forces		
Credits: 5	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<p>Psychology and Soldier:</p> <p>a. Dimensions of behaviour, motivational, effective and cognitive process. Relevance of Psychology in Defence problems.</p> <p>b. Personnel selection and classification for defence services, use of intelligence tests- Group testing procedures and elementary personality testing.</p> <p>c. Application of Principles of Psychology in military training, motivation, learning transfer of training Group and individual training.</p> <p>d. Factors in adjustments during army life- defence, escape and psychological mechanisms.</p> <p>e. Problems of re-adjustment of the ex-soldiers.</p>	15
II	<p>Extranimics:</p> <p>a. Introduction to human engineering.</p> <p>b. Man-Machine systems.</p> <p>c. Control Devices—Function, identification, Residence in control devices—forces and ratio.</p> <p>d. Problems of display and control.</p>	15

III	<p>Group Dynamics in Military Life:</p> <p>a. Group : Structure, types and their functions, Formation of Social norms. Group Problem solving.</p> <p>b. Leadership : Nature, determinates and techniques of boosting morale, its significance in defence.</p> <p>Attitude : Attitude organizations, Impact of Military life on the formation of attitudes, Attitudes Change.</p>	15
IV	<p>Psychological Warfare: Importance and Role</p> <p>a. Nature type, organisation and techniques of Military propaganda.</p> <p>b. Structure, Theories and techniques of coercive persuasion. Determinant of brain washing effects.</p> <p>c. Psychology of rumour. Nature, techniques and its merits and demerits, impact on war and society.</p>	15
V	<p>Mental disorders of warfare :</p> <p>a. Mental health and soldier in war.</p> <p>b. Psychological disorders and emotional strains imposed by war conversion Hysteria, Anxiety and war neurosis.</p> <p>c. Predisposing conditions and methods of treatment.</p> <p>d. Impact of nuclear and biological warfare.</p> <p>e. Psychological problem of space flight.</p>	15

Suggested Readings:

Recommended Books :

1. Barlett, FC - psychology and the soldier
2. Boring, EG - psychology for the armed forces
3. Lien, Barger - psychology war fare
4. Narayan Raj - military psychology
5. Barar, Lien - psychology of war fare
6. Mark, A. Hay - social psychology of war and peace
7. Morgans and King - introduction to psychology
8. Jain, Mrs. Pushpa - introduction to psychology
9. Parik - sainik manovigyan
10. Tiwari, NP - Sainya manovigyan
11. Gupta, Parashuram - sainya manovigyan
12. Copeland, N. Psychology and Soldier

M.A./M.Sc. 2ND , SEMESTER 4TH , DEFENCE & STRATEGIC STUDIES, PAPER 2
DEFENCE ECONOMICS
THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: fourth
Subject: Defence & Strategic Studies		
Course Code: A121002T	PAPER 2/COURSE TITLE: Defence Economics	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Defence Economics		
Credits: 5	Core Compulsory / Elective	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	<ol style="list-style-type: none"> 1. Economic systems 2. Defence, Development and Disarmament relationship. 	15
II	<ol style="list-style-type: none"> 1. War Potential of a nation.—Natural, Physical, Financial, Industrial and Manpowerresources. 2 Economic Constraints in Defence Planning and Management. 3. Defence Production Programme in India: <ol style="list-style-type: none"> (i) Ordnance Factories. (ii) Defence Public SectorUndertakings. 	15
III	<ol style="list-style-type: none"> 1. Determinants of Planning, Programming and Budgeting. 2. Defence Budgeting in India after 1947. 3. Nature of Modem war and peace economy. 	15
IV	<ol style="list-style-type: none"> 1. Mobilisation of Resources for Defence: Domestic and Foreign resources, Methods of mobilisation, 2. War and Peace time moblisation Policy, effectiveness in short duration wars, mobilisation during nuclear war. 	15
V	<ol style="list-style-type: none"> 1. Economic Causes of War. 2. Economic Warfare in modem times. 3. Economic Problems of Post War reconstruction and Rehabilitation 	15

<p>Suggested Readings:</p> <p>7. Author Sir name, Initials, “Book Title”, Publisher name, City/country of publication, Year of publication. Edition No. if any.</p> <p>8. Author Sir name, Initials, “Book Title”, Publisher name, City/country of publication, Year of publication. Edition No. if any.</p> <p>9. Suggestive digital platforms web links-</p>
<p>This course can be opted as an elective by the students of following subjects: .</p> <p>.....</p>
<p>Suggested Continuous Evaluation Methods: Class Tests, Attendance</p> <p>.....</p>
<p>Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..</p> <p>.....</p>
<p>Suggested equivalent online courses:</p> <p>.....</p>
<p>Further Suggestions:</p> <p>.....</p>

At the End of the whole syllabus any remarks/ suggestions:

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M.A./M.Sc. 2ND , SEMESTER 4TH , DEFENCE & STRATEGIC STUDIES, PAPER 3
Research Project Cum Dissertation

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Fourth
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A121003R	PAPER 3/COURSE TITLE : Research Project Cum Dissertation	
Course outcomes: The student at the completion of this course will be able to understand the importance of project work & dissertation on different Defence topics		
Credits: 8	Core Compulsory / Elective	
Max. Marks: 25+75 (100)	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	
I	<p>The candidates would be required to write a Dissertation on an allotted topic under the supervision of a Faculty Member who would act as the Supervisor.</p> <p>The topic would be decided by candidates in consultation with respective Supervisors within a board framework of the research methodology, discipline with particular reference to national Security, International Relations, Area Studies and International Security (रिसर्च प्रोजेक्ट/डिजर्टेशन तृतीय एवं चतुर्थ सेमेस्टर (वर्ष के अंत में) का संयुक्त होगा, जिसका क्रेडिट 8 होगा)</p>	
Suggested Readings:		
This course can be opted as an elective by the students of following subjects:		
Suggested Continuous Evaluation Methods: Class Tests, Attendance, Presentation		
Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..		
Suggested equivalent online courses:		
Further Suggestions:		

At the End of the whole syllabus any remarks/ suggestions:

M.A./M.Sc. 2ND , SEMESTER 4TH , DEFENCE & STRATEGIC STUDIES, PAPER 4A
DISARMAMENT & ARMS CONTROL
(OPTIONAL)
THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Fourth
Subject: Defence & Strategic Studies		
Course Code: A121004T	PAPER 4A/COURSE TITLE: Disarmament & Arms Control (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts, meaning & Importance of Disarmament and Arms Control		
Credits: 5	Core Compulsory / optional	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	Role of Nuclear Weapons in International Politics Concept of Nature of Armament Theories of Disarmament Concept of Arms Control	15
II	History of Disarmament: League of Nations & United Nations History of Arms Control : Theory & Practice	15
III	<ul style="list-style-type: none"> • Treaties : Under disarmament, Partial test ban treaty, nuclear nonproliferation treaty, outer space treaty Comprehensive Test Ban treaty. • Arms Control, SALT-I and II, INF treaty, START-I & II. Chemical & Biological Weapon. 	15
IV	MTCR: objectives, challenges, & role of Great Powers. Nuclear Supplier group: Objectives, Problems, & Prospects Star Wars & National Missile Defence	15
V	Disarmament & Economic Development Nuclear Poliferation Non State Actor & Nuclear Weapon.	15
Suggested Readings: <ol style="list-style-type: none"> 1. A Carnesale et al, Living with Nuclear Weapons, Cambridge, Howard University Press, 1983. 2. Andre Beaufre, Deterrence and Strategy, London, 1965. 3. A.Y. Yefremov, Nuclear Disarmamnet, Moscow, 1979. 4. E.Luard, First Step to Disarmament, London, 1965 5. J.Dougherty and J.F. Lehman Jr (ed), Arms Control for Late 60s, Inc, Crane, Russels& Co. New York. 6. J.J. Mearsheimer, Conventional Deterrence, London, 1983. 7. J.H. Kahn, Security in the Nuclear Age Washington, 1975 8. R.E. Jones, Nuclear Deterrence; A Short Political Analysis, New York, 1968. 9. SIPRI Yearbook 10. The United Nations, Disarmaments Year Book, New York, 1994. 11. Y. Harkabi, Nuclear War and Nuclear Peace, Jerusalem And other books and journals as recommended by the teacher 		

M.A./M.Sc. 2ND , SEMESTER 4TH , DEFENCE & STRATEGIC STUDIES, PAPER 4B
DISASTER MANAGEMENT & NATIONAL SECURITY
(OPTIONAL)
 THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Fourth
Subject: Defence & Strategic Studies		
Course Code: A121005T	PAPER4B/COURSE TITLE: Disaster Management & National Security (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Disaster management & its importance with respect to national security		
Credits: 5		Core Compulsory / optional
Max. Marks: 25+75		Min. Passing Marks: 36
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	Basic Concepts What is Disaster, Introduction to terminologies associated with Disaster and National Security: Natural and Manmade, Vulnerability, Risk etc., - Identifying various types of Disasters	15
II	Natural Disaster and Human Induced Disaster Floods, Cyclone, Earthquake, Tsunami - WMD Disaster - Disaster associated with various industries	15
III	Study of Disaster in India / Around the World Case Studies: Tsunami 2004, Bhopal Gas Tragedy, Chernobyl, Fukushima, Uttarakhand etc.	15
IV	Disaster Management Meaning, Association and Distinction with related concepts like Disaster Mitigation, Response, and Recovery, Relief, and Reconstruction	15
V	Institutional Mechanism for Disaster Management in India Role of Armed Forces, Central and State Governments, NGO, National Disaster Management Authority, Indian National Centre for Ocean Information Services.	15

Suggested Readings:

1. Disaster Management, by I. Sundar, I. T. Sezhiyan, Sarup & Sons, 2007
2. Disaster Management, by Shailendra K. Singh, Shobha Singh Mittal Publications, 1998
3. Disaster Management: Warning Response and Community Relocation, by Amit Awasthy, Global India Publications, 2009
4. Disaster Communications in a Changing Media World, by George D. Haddow, Kim Haddow, Butterworth-Heinemann, 2009
5. The Media and Disasters: Pan Am 103, by Joan Deppa, Fulton, 1993

And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

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M.A./M.Sc. 2ND , SEMESTER 4TH , DEFENCE & STRATEGIC STUDIES, PAPER 4C

**Human Rights & Humanitarian Law
(OPTIONAL)**

THEORY

Programme/Class: M.A./ M.Sc. 2 nd year		Year: Second	Semester: Fourth
Subject: Defence & Strategic Studies (Military Science)			
Course Code: A121006T		PAPER 4C/COURSE TITLE: Human Rights & Humanitarian Law (Optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Human Rights & Humanitarian Law			
Credits: 5		Core Compulsory / optional	
Max. Marks: 25+75		Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.			
Unit	Topics		No. of Lectures
I	Basic Aspect Introduction - Meaning and Concept of Human Rights - Various Types of Human Rights and Distinction - Evolution of the Concept - Democracy and Human Rights.		15
II	United Nations and Human Rights Universal Declaration of Human Rights -UN and Implementation of Human Rights - Contemporary human rights situation,issues and concerns.		15
III	Human Rights and International Politics Human Rights and International Humanitarian Law - Refugee Law - Governmental and Non-Governmental Organizations for Human Rights Protection - Human Rights in Global and Regional Perspectives.		15
IV	Violation of Human Rights Human Rights Violation against Women, Children, Differently abeled and Minorities.- Gender Discourse and HumanRights Violations in Conflict Zone.		15
V	India and Human Rights Indian Constitution and Human Rights - Enforcement and Policy Implementation - Human Rights Protection/Violations as Chosen by Faculty – Special Laws for Protection of Specific Categories / Vulnerable Sections of the people – Problems of Enforcement of Human Rightsin India.		15

Suggested Readings:

1. Alston, Phillip (ed.), (1992), the *United Nations and Human Rights: A Critical Appraisal*, Oxford: Clarendon Press.
2. Chaudhary, Jayant, A Textbook on Human Rights (New Delhi Wisdom Press, 2011)
3. Dube, M.P. and Neeta Bora, (ed.), (2000), *Perspective on Human Rights*, NewDelhi: Anamika Publishers.
4. Mahadev Rao, L. R., *Global Trends of Human Right* (New Delhi: SumitEnterprises, 2004).
5. Mani, V.S., *Human Rights in India: An Overview* (New Delhi: Institute for theWorld Congress on Human Rights, 1998).
6. Menon, G. C. (ed.), *Genesis and Role of NGOs in Protecting Human Rights* (New Delhi, Dominant Publishers and Distributers, 2009).
7. Paras Diwan, & Peeyushi Diwan, *Human Rights and the Law: Universal and Indian* (New Delhi : Deep & Deep,1998).
8. Sehgal, B.P.Singh, ed., *Human Rights in India: Problems and Perspectives* (New Delhi: Deep and Deep, 1999).
9. Sinha, P. C. *India's Human Rights Regime - A Comprehensive Presentation*,Part-I (New Delhi, Kanishka Publishers, 2003).
10. Subramanyam. N., *Human Rights and Refugees* (New Delhi, A.P.H. Publishing Corporation, 2011).

And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

(OPTIONAL)
THEORY

Programme/Class: M.Sc. 2 nd	Year: Fifth	Semester: Fourth
Subject: Defence & Strategic Studies (Military Science)		
Course Code: A121007T	PAPER 5A/COURSE TITLE: War & Peace in Modern World (optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of War & Peace in Modern World		
Credits: 5	Core Compulsory / optional	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	1. Roots of Conflict in World Politics 2. Origins of War: World Wars I and II.	15
II	1. The Cold War and the Struggle against the weapons of mass destruction(WMD) 2. The United Nations, common Security and Globalization.	15
III	1. The Event of September 11, 2001 and the Campaign against Terrorism 2. The Invasion and Occupation of Iraq.	15
IV	1. Defence Pact's - CENTO, SEATO, CSTO 2. Role of NATO in world politics.	15
V	1. Media and war, social networking and uprising. 2. Rise of Regionalism and world politics.	15
Suggested Readings: Books and Journals as recommended by the teacher		
This course can be opted as an elective by the students of following subjects:		
Suggested Continuous Evaluation Methods: Class Tests, Attendance		
Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..		

**M.A./M.Sc. 2ND , SEMESTER 4TH , DEFENCE & STRATEGIC STUDIES, PAPER 5B
Cyber Security & Crime
(OPTIONAL)**

THEORY

Programme/Class: M.A./ M.Sc. 2 nd year	Year: Second	Semester: Fourth
Subject: Defence & Strategic Studies		
Course Code: A121008T	PAPER 5B/COURSE TITLE: Cyber Security & Crime(optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Cyber Security & Crime		
Credits: 5	Core Compulsory / optional	
Max. Marks: 25+75	Min. Passing Marks: 36	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	Introduction to Cyber Technologies Information Systems - Networks/LAN/WAN -Military Sensors	15
II	Types of Cyber Crime Hacking - Password Cracking - Insecure Network Connection – Theft at Tele Communication Services	15
III	Impact of Cyber Crime on National Security Impact on Armed Forces & Law enforcement Agencies’ Information Systems -Impact on National Economy/Market - Impact on Citizen Security	15
IV	Detection and Prevention methodologies Risk Identification - Levels of Protection - Cyber Defensive Measures	15
V	Cyber Laws Overview of General Laws and Procedures in India - Introduction to Indian Cyber Law -Cyber Crime and Digital Evidence- Indian Perspective	15

Suggested Readings:

BOOKS RECOMMENDED:

TEXT BOOKS:

1. Cyber Security – the Essential body of knowledge by Dan Shoemaker and Wm Arthur Conklin, published by Cengage Learning – ISBN – 978 – 1 – 4354 – 8169 – 5
2. Cyber Security and Homeland Security – edited by Lin V Choi – ISBN – 1 – 59454 – 728 – 9
3. Cyber Security – Public Sector threats and responses edited by Kim Andreasson, published by CRC Press , ISBN – 978 -1 – 4398 – 4663 – 6

REFERENCE BOOKS:

4. Cyber Security – the Essential body of knowledge by Dan Shoemaker and Wm Arthur Conklin, published by Cengage Learning – ISBN – 978 – 1 – 4354 – 8169 – 5
5. Cyber Security and Homeland Security – edited by Lin V Choi – ISBN – 1 – 59454 – 728 – 9
6. Cyber Security – Public Sector threats and responses edited by Kim Andreasson, published by CRC Press , ISBN – 978 -1 – 4398 – 4663 – 6

And other books and journals as recommended by the teacher

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

Research Methodology
(OPTIONAL)
THEORY

Programme/Class: M.A./M.Sc. 2 nd year	Year: Second	Semester: Fourth
Subject: Defence & Strategic Studies		
Course Code: A121009T	PAPER 5C/PAPER/COURSE TITLE: Research Methodology(optional)	
Course outcomes: The student at the completion of this course will be able to understand the basic concepts & meaning of Research methods		
Credits: 5		Core Compulsory / optional
Max. Marks: 25+75		Min. Passing Marks: 36
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0 or 3-1-0 Etc.		
Unit	Topics	No. of Lectures
I	Research in Social Sciences Concept and types of Research - Nature & Theories of Social Science Research - Research in Strategic Studies	15
II	Literature Search Definition & Nature of Information Sources - Types of Information Sources - Information Gathering skills - Literature Survey & Review	15
III	Research Design Identification of Research Problem - Formulation of Hypothesis – Sampling - DataCollection- Tools - Data Analysis - Techniques	15
IV	Application of Statistics in Social Sciences Basics of Statistics - Data Analysis Techniques - Testing of Hypothesis - Statistical Packages - Statistical Inference	15
V	Documentation Report writing - Citation Types, Compilation and Arrangement - Footnotes andReferences	15

Suggested Readings:

BOOKS RECOMMENDED:

1. Ranjit Kumar Research Methodology: A Step-by-Step Guide for Beginners
2. C.R. Kothari Research Methodology: Methods and Techniques
3. Chris Welman, Research Methodology
Fanie Kruger &
Bruce Mitchell
4. Chris Welman, Research Methodology for the Business and Administrative Kruger S.
J., & Sciences
Fanie Kruger
5. Kumar Research Methodology: A Step By Step Guide For Beginners And other books
and journals as recommended by the teacher.

This course can be opted as an elective by the students of following subjects: .

Suggested Continuous Evaluation Methods: Class Tests, Attendance

Course prerequisites: To study this course, a student must have had the subject Military Science/Defence & Strategic Studies in Graduation..

Suggested equivalent online courses:

Further Suggestions:

At the End of the whole syllabus any remarks/ suggestions:

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