

Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon

॥अंतरी पेटवू ज्ञानज्योत॥



'A' Grade
NAAC Re-Accredited
(3rd Cycle)

SYLLABUS

for

Master of Arts (M. A.)
Defence & Strategic Studies

Choice Based Credit System
(Outcome Based Curriculum)

Department of Defence & Strategic Studies,
School of Arts & Humanities,
Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon. 425 001 (M.S.)

2022 - 2023

**Summary of Distribution of Credits under CBCS Scheme
for
M.A. Defence and Strategic Studies
at
School of Arts & Humanities
[at University Campus under Academic Flexibility w.e.f. 2022-23]**

Sr. No	Type of course	Sem. I	Sem. II	Sem. III	Sem. IV
01	Core	12	12	12	08
02	Skill based/Elective	04	04	04	04
03	School Elective	-	-	-	-
04	Project	-	-	-	04
05	Audit	02	02	02	02
06	Total Credits	18	18	18	18

Subject Type	Core	Skill based/ Elective	School Elective	Project	Audit	Total
Credits	44	16	--	04	08	72

Total Credits = 72

Department of Defence and Strategic Studies, School of Arts & Humanities
Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
M. A. Defence & Strategic Studies
Choice Based Credit System (Outcome Based Curriculum) with effect from 2022 -2023
Course credit scheme

Semester	(A) Core Courses			(B) Skill Based / Elective Course			(C) Practical/ Practice			(D) Audit Course (No weightage in CGPA)			Total Credits (A+B+C+D)
	No. of Courses	Credits (T+P)	Total Credits	No. of Course s	Credits (T+P)	Total Credi ts	No. of Cour ses	Credits (T+P)	Total Credits	No. of Course s	Credits (T+P)	Total Credits	
I	03	4 + 0	12	01	4 + 0	4	0	4 + 0	00	01	0 + 2	2	18
II	03	4 + 0	12	01	4 + 0	4	0	4 + 0	00	01	0 + 2	2	18
III	03	4 + 0	12	01	4 + 0	4	0	4 + 0	00	01	0 + 2	2	18
IV	02	4 + 0	08	01	4 + 0	4	1	0 + 4	04	01	0 + 2	2	18
Total Credits	44			16			04			08			72

Structure of Curriculum (T, Theory; P, Practical)

		First Year				Second Year				Total Credit Value
		Semester I		Semester II		Semester III		Semester IV		
		Credit	Course	Credit	Course	Credit	Course	Credit	Course	
(A)	Prerequisite and Core Courses									
	Theory	4	3	4	3	4	3	4	2	44
	Practical	0	0	0	0	0	0	4	1	04
(B)	Skill Based / Subject Elective Courses									
1	Theory /Practical	4	1	4	1	4	1	4	1	16
(C)	Audit Course (No weightage in CGPA calculations)									
1	Practicing Cleanliness	2	1							2

2	Personality & and Cultural Development Related Course			2	1					2
3	Technology Related + Value Added Course					2	1			2
4	Professional and Social + Value Added Course					2	1	2	1	4
	Total Credit Value	18	5	18	5	18	5	18	5	74

List of Audit Courses (Select any ONE course of Choice from Semester II; Semester III and Semester IV)

Semester I (Compulsory)		Semester II (Choose One)		Semester III (Choose One)		Semester IV (Choose One)	
		Personality and Cultural Development		Technology + Value Added Course		Professional and Social + Value Added Course	
Course Code	Course Title	Course Code	Course Title	Course Code	Course Title	Course Code	Course Title
AC-101	Practicing Cleanliness	AC-201 (A)	Soft Skills	AC-301(A)	Computer Skills	AC-401(A)	Human Rights
		AC-201 (B)	Sport Activities	AC-301(B)	Cyber Security	AC-401 (B)	Current Affairs
		AC-201 (C)	Practicing Yoga	AC-301(C)	Disaster Management in India	AC-401(C)	India's Land-Border
		AC-201 (D)	Introduction to Indian Music	AC-301(D)	Nuclear Biological and Chemical Warfare	AC-401(D)	Regional Security Issues

Semester-wise Course Structure of Defence & Strategic Studies

Semester- I

Course	Course Type	Course Title	Teaching Hours/ Week			Marks (Total 100)				Credits
			T	P	Total	Internal		External		
						T	P	T	P	
DEF-101	Core	Indian Military History	4	--	4	40	--	60	--	4
DEF-102	Core	National Security of India	4	--	4	40	--	60	--	4
DEF-103	Core	Defence Production in India	4	--	4	40	--	60	--	4
DEF-104	Skill Based	International Relation	4	--	4	40	--	60	--	4
AC-101	Audit Course	Practical Cleanliness	2	--	2	100	--	--	--	2

Total Credit for Semester I: 18 (T = Theory: 12; P = Practical: nil; Skill Based:4; Audit Course:2)

Semester- II

Course	Course Type	Course Title	Teaching Hours/ Week			Marks (Total 100)				Credits
			T	P	Total	Internal		External		
						T	P	T	P	
DEF-201	Core	Geopolitics and Military Geography	4	--	4	40	--	60	--	4
DEF-202	Core	Defence Economics	4	--	4	40	--	60	--	4
DEF-203	Core	Major International Conflict After World War-II	4	--	4	40	--	60	--	4
DEF-204	Skill Based	Internal Security Scenario of India	4	--	4	40	--	60	--	4

AC-201	Elective Audit Course	Choose one out of Four (AC-201A/ AC-201B/AC-201C/AC-201D) from Personality and Cultural Development	2	--	2	100	--	--	--	2
Total Credit for Semester II: 18 (T = Theory: 12; P = Practical: nil; Skill Based:4; Audit Course:2)										

Semester- III

Course	Course Type	Course Title	Teaching Hours/ Week			Marks (Total 100)				Credits
			T	P	Total	Internal		External		
						T	P	T	P	
DEF-301	Core	Strategic Thinkers	4	-	4	40	--	60	--	4
DEF-302	Core	Research Methodology	4	-	4	40	--	60	--	4
DEF-303	Core	Drug: Threats to Health, Society and Security	4	-	4	40	--	60	--	4
DEF-304 (A)	Elective (Select any one)	Science, Technology and National Security	4	-	4	40	--	60	--	4
DEF-304 (B)		International Organizations								
AC-301 A/B/C/D	Audit Course	Choose one out of Four (AC-301A/ AC-301B/AC-301C/AC-301D) from Technology + Value Added Courses	--	2	2	--	100	--	--	2
Total Credit for Semester III: 18 (T = Theory: 12; P = Practical: nil; elective Based:4; Audit Course:2)										

Semester- IV

Course	Course Type	Course Title	Teaching Hours/ Week			Marks (Total 100)				Credits
			T	P	Total	Internal		External		
						T	P	T	P	
DEF-401	Core	Cyber Security	4	--	4	40	--	60	--	4
DEF-402	Core	Foreign Policy of India	4	--	4	40	--	60	--	4
DEF-403	Project	Research Project Work	--	4	4	--	40	--	60	4
DEF-404 (A)	Elective (Select any one)	Terrorism and India	4	--	4	40	--	60	--	4
DEF-404 (B)		Maritime Security of India								
AC-401 A/B/C/D	Audit Course	Choose one out of Four (AC-401A/ AC-401B/ AC-401C/ AC-401D) from Professional and Social + Value Added Courses	--	2	2	--	100	--	--	2
Total Credit for Semester IV: 18 (T = Theory: 8; P = Practical: 4; elective Based:4; Audit Course:2)										

Program at a Glance

Name of the program (Degree)	: M. A.
Faculty	: Humanities
Duration of the Program	: Two years (four semesters)
Medium of Instruction and Examination	: English, Marathi

Examination Pattern:

There would be continuous internal assessment (CIA) and an end of term examination (ETE) for each course. The pattern of the Exam. Is 60:40

Internal Examination:

Concern teacher in consultation with head of the department may conduct 2 tests of 20 marks for internal examination of all theory courses. The department will declare detailed timetable well in advance.

External Examination:

University will conduct external examinations at the end of each semester. Each course will have examination of 60 marks. The department will declare detailed time table for external examinations well in advance.

Standard of Passing:

To pass any course, the candidate has to secure at least 40% marks in the internal as well as in the external examinations. The student failed in internal or external or in both examinations shall have to appear for subsequent internal or external or both examinations respectively for that course. The student having the backlog of any course(s) from first year of M.A. can be admitted to second year of M.A.

Award of class/Grade: As per the University's Award of class/Grade: on rules of CGPA system.

Declaration of results: The University Examination Section, K.B.C.N.M.U., Jalgaon.

Total Credits of the program : 72 (44 core credits including 4 credits of Project/Practical, 08 skill enhancement credits, 08 elective credits and 08 audit credits)

Program Objectives

1. To facilitate students to demonstrate a degree of mastery over the area as per their program of specialization at a level higher than requirements in UG program.
2. To enable students to carry out research/investigation and development work independently to solve critical problems in their respective field
3. To apply a number of strategies for sorting through the applicability of and connections among a range of scholarly approaches to speculate and reconstruct their previous knowledge
4. To prepare students to produce original scholarship that contributes to knowledge in their respective fields
5. To persuade students to compare and validate previous and contemporary development in their respective field of knowledge to generate remedies for contemporary social situation.

Program Outcomes

After completing the program, the students will be able to-

PSO No.	PSO	Cognitive level
PO1	To develop research attitude in students and prepare them for good research work which will be useful for the nation	6
PO2	Developing students' communication skills will build their confidence	6
PO3	Students will be encouraged to pursue a career in teaching, research and competitive examinations	3
PO4	Studying India's national security, foreign policy and peace and conflict studies will help in raising awareness among the students to contribute something for National Security	6
PO5	After the course students to solve contemporary social problems and develop leadership qualities in them	4

Program Specific Objectives for M.A. Defence & Strategic Studies: Programme Objectives:

1. To introduce students to the complexities of the relationship between National Security , Military Means, and their “bridge”-strategy.
2. Have a strong foundation in the literature on strategy, including its application to National Security, management and public administration.
3. To familiarize students with major theoretical perspectives in National Security.
4. Have an enhanced ability to analyse issues in international affairs and public administration from a strategic perspective and communicate their analyses through Strategic Option memos and other forms.
5. Have an improved capacity to apply strategic concepts to practical challenges in public and non-profit administration.
6. To survey key substantive areas and debates in the field of National Security Studies

Program Specific Outcomes (PSOs) for M.A. Defence & Strategic Studies:

PSO No.	PSO	Cognitive level
PSO1	Understand how recent changes in warfare affect the utility of force in international relations.	3
PSO2	Identify the major actors, issues, threats, institutions, principles, techniques, laws and terminology in modern national security.	3
PSO3	Aware of critical thinking and decision-making by real-world, strategic leaders.	4
PSO4	To expose students to career opportunities in research Institution as a research fellow/Assistant/project fellow like IDSA, CLAWS, New Delhi	4
PSO5	Develop skill for the writing research paper, article in national and regional language.	4
PSO6	Develop sophisticated analysis skills in the areas of national security, International Relation and understanding strategic culture of the country	4

Distribution of Course papers for M. A. Part I Defence & Strategic Studies

Subject Code	Title of the Paper		Duration (Hrs./Wk)	Max. Mark	Exam. Time (Hrs.)
M.A. Part I (Defence & Strategic Studies)					
Semester I : Theory Courses					
DEF-101	Indian Military History	Core course	04	100	03
DEF-102	National Security of India	Core course	04	100	03
DEF-103	Defence Production in India	Core course	04	100	03
DEF-104	International Relation	Skill based	04	100	03
AC-101	Practicing Cleanliness	Audit Course	02	100	
Semester II : Theory Courses					
DEF-201	Geopolitics and Military Geography	Core course	04	100	03
DEF-202	Defence Economics	Core course	04	100	03
DEF-203	Major International Conflict After World War-II	Core course	04	100	03
DEF-204	Internal Security Scenario of India	Skill based	04	100	03
AC-201A/B/C/D	Choose one out of Four (AC-201A/ AC-201B/ AC-201C/ AC-201D) from Personality and Cultural Development (Audit Course)	Audit Course	02	100	--

M.A. Part I Semester I (Defence & Strategic Studies): Core Courses

DEF 101- Indian Military History

Course Objective:

(60 Hr)

- 1 This paper offering various military based history and tactics.
- 2 Analysis of Indian weapon and war strategy.
- 3 India's princely states tremendous changes to power and war techniques.

Unit 1- Basic Concept of Military History

- a. Military History
- b. A brief survey of the Military tradition of India
- c. Warfare in Ancient India
- d. Types of war during Vedic Period

Unit 2- Rajput Military System

- a. Rajput challenge to Arab conquest (battle of Tarain)
- b. Mohammad Ghori's conquest of India (battle of Terrain I and II)
- c. Military Organisation of Rajput- Tactic and Weapons System
- d. Decline of Rajput Empire

Unit 3- Maratha Military System

- a. Military Organisation of Maratha
- b. Military Administration of Chhatrapati Shivaji Maharaj
- c. Strategies, Tactics, Organizations and Weapons- Evolution of Guerrilla Warfare
- d. Decline of Maratha Empire

Unit 4 - Modern Military System in India

- a. Portuguese

- b. French and Dutch
- c. British
- d. Strategies, Tactics, Organizations and Weapons System

References:

- 1) B J. N. Sarkar, Shivaji and His Times (New Delhi, Orient Longman, 1973)
- 2) B. N. Majumdar, Study of Indian Military History, (University of Michigan, Army Educational Stores, 1963).
- 3) B.N. Majumdar, Military System of The Sikhs, (New Delhi, Army Educational Store, 1965).
- 4) Fauja Singh Bajwa, Military System of the Sikhs during the Period 1799-1849 (Delhi, Motilal Banarsidass, 1964)
- 5) Gurcharn Singh Sandhu, A Military History of Ancient India. (New Delhi, Vision Books, 2000). J. F. C. Fuller, General ship of Alexander the Great, (London, Eyre and Spotswood Pub, 1958)
- 6) Jadunath Sarkar, Military History of India. (New Delhi, Orient Longman, 1960).
- 7) Jagdish Manohar, The Art of War in Medieval India, (New Delhi, Munshiram Manohar Lal Pub, 1984)
- 8) James Duff Grant, History of Marathas, (New Delhi, Associate Publishing House, 1971)
- 9) K. B. Kangley, Kautilya's Arthasastra, (Bombay, University of Bombay, 1972)
- 10) Kiran Kumar Thapiyal, Shive Nandan Misra, Select Battles in Indian History: From Earliest Times To 2000 A.D, VOL-I, (Delhi, Agam Kala Prakashan, 2002)
- 11) M. B. Deopujari, Shivaji and the Maratha Art of War, (Nagpur, Vidarbha Samshodan Mandal, 1973)
- 12) 13. Peter Jackson, Delhi Sultanate: A Political and Military History. (UK, Cambridge University Press, 2003)
- 13) Rajendra Nath, Military Leadership in India: Vedic Period to Indo-Pak Wars. (New Delhi, Lancer Publication, 1990)
- 14) B. J. N. Sarkar, Shivaji and His times (New Delhi, Orient Longman, 1973) 2)
- 15) Gurcharn Singh Sandhu, a Military History of Ancient India. (New Delhi, Vision Books, 2000)
- 16) J. F. C. Fuller, Generalship of Alexander the Great (London, Eyre and Spottiswoode Pub,1958)
- 17) JadunathSarkar, Military History of India,(New Delhi, MunshiramManoharLal Pub.1984)
- 18) S.T. Das, Indian Military-Its History& Development (Delhi Sager Publication,1969)
- 19))Sarva Daman Sing, Ancient Indian Warfare: With Special Reference to the Vedic Period (Leiden ,Brill, 1965)
- 20) V.R. RamchandraDikshitkar, War in Ancient India (Madras, Macmillan 1948)

Course outcomes: On completion of this course, the student will be able to:

COts No.	Course outcomes	Cognitive level
1	The students will join various historic research centres, the course will be helpful for his/her to an analyst.	4
2	The students will understand military based history,	2
3	Improve the analytical thinking of our students so that they may independently reach conclusions about military-based history.	4

DEF 102- National Security of India

Course Objective:

(60 Hr)

- 1 The Concept of Security has evolved considerably coming to centre more on individuals.
- 2 To acquaint the students with National Security of India.

Unit 1- Changes to outlook of the key concepts of Security

- a) National Security
- b) Collective Security
- c) Environment Security
- d) Global Security

Unit 2-Objective and Core value of India's National Security.

- a) Sovereignty
- b) Democracy
- c) Socialist ideology
- d) Federal Government System & Secularism

Unit 3-Security Issues in India's Neighbourhood

Major focus on Border & Water dispute with Pakistan, China, and Nepal.

- a) Historical Background
- b) Actual Conflict
- c) Agreement and
- d) Present situation.

Unit 4-Organisational Structure of India's National Security

- a) National Security Council
 - 1) Strategic Policy Group
 - 2) National Security Advisory Board
 - 3) Joint Intelligence Committee

References:

- 1) Prof Dr. V. Y. Jadhav, Bhartachi Rashtriya Suraksha, Snehavardhan Prakashan, Pune, 2011
- 2) ShevendraSahni, Perspectives on India's National Security Challenges: External and Internal Dimensions , Pentagon Press, New Delhi,2016
- 3) Kumar Ashok, Challenges to Internal Security of India , Mcgraw Hill Education (India) Private Limited, Cennai,2017
- 4) Das S.T. National Security in Perspective, Gian Publication House, New Delhi,1987
- 5) Dr. Laxman Popatrao Wagh, India-Myanmar Relation, (Kanpur: Atul Prakashan, 2017)
- 6) Buzan Barry, People Fear and State, (New Delhi: TransAsia Publication,)
- 7) BalchandranVappala, National Security and Intelligence Management/A New Paradigm, (New Delhi, Jan 2014)
- 8) Kumar Satish, India's National Security, Taylor & Francis, New Delhi,2016
- 9) Eugenie de Silva, National Security and Counterintelligence in the Era of Cyber Espionage (Advances in Digital Crime, Forensics, and Cyber Terrorism), Vargina Research Institute USA, 2016
- 10) Sing A. K.(ed), Military Strategy for India in the 21st Century, KW Publisher Pvt. Limited, New Delhi,2019
- 11) BeharaLaxman K. India's Defence Industry an agenda for making in India (ed), IDSA, New Delhi,2016
- 12) NayakNihar R., Understanding India's Maoist, IDSA, New Delhi,2014
- 13) Das Gautam, Insurgency in North East India, Pentagon Press, New Delhi,2013
- 14) Deshpande Vikrant, Hybrid Warfare: The Changing Character of Conflict , Pentagon Press, New Delhi, 2018
- 15) Bajpai U.S, India and Neighbourhood, Lancer International, New Delhi,1986
- 16) Chatterjee R.K. India's Land Borders-Problems and Challenges, Sterling Publishers,1978
- 17) Khera S.S India's Defence Problems, Orient Longmans, New Delhi,1968
- 18) Nayar V.K, Threats from Within, Lancer Publication, New Delhi,1992

Course outcomes: On completion of this course, the student will be able to:

Cots. No.	Course outcomes:	Cognitive level
1	Identify the major actors, issues, threats, institutions, principles, techniques, laws and terminology in modern national security.	2
2	The students will join various defence research centres, the course will be helpful for his/her to an analyst.	4
3	Develop sophisticated value skills in the areas of national security	4

DEF 103-Defence Production in India

Course Objective:

(60Hrs)

- 1 Study the basic in defence production in India
- 2 Understand the interrelationship of defence and development.

Unit -1- Basics of Defence Planning

- a) Defence Budgeting in India- Objectives & Function
- b) Determinants of Defence Expenditure
- c) Defence Acquisition Council
- d) Parliamentary Control Over the budgeting

Unit -2- Ministry of Defence (MoD) -India

- a) Department of Defence Production
- b) Department of Ex-service Man Welfare
- c) Department of Military Affairs (DMA)
- d) Defence Research and Development Organisation (DRDO)

Unit -3- Major Defence Production Programme in India

- a) Ordnance Factory
- b) Defence Public Sector Undertaking (DPSUs)
- c) Role of Private Sector in Defence Production
- d) India's Missile Development Programme

Unit -4- Higher Defence Agencies in India

- a) National Security Council,
- b) National Security Advisor
- c) Integrated Defence Staff
- d) Defence Intelligence Agency

References:

- 1) Annual Reports of Ministry of Defence, available at <https://www.mod.gov.in/>
- 2) Ministry of Defence, available at, <https://www.mod.gov.in/>

- 3) Rethinking the Economics of war: The intersection of Need, (Creed and Greed Edited by Cynthia J Arnson, October 2005).
- 4) Economics of war and Peace: Economic Legal and Political perspectives, Edited by Ben Goldsmith, (Published: Emerald Group Publishing Limited, July 2010,)
- 5) The Economics of war: The Economics of war by Pal Poast, (Publisher: Mc Graw Hill Higher Education, Published:21 March)
- 6) Economic Theories of Peace and war (Studies in Defence Economics) by Fanny Coulomb, Publisher: Routledge' 2004)
- 7) The Economics of war I Stephen Broadberry (Editor) (Mark Harrison (Editor),2009)
- 8) Pandey, S.P., "Defence Economics", (Bhanumati Publications, Allahabad.2001)
- 9) Amiya, Kumar Ghosh, "India Defence Budget and Expenditure Management in a wider context", (Lancer International Publishers, New Delhi, 1996)

Course outcomes: On completion of this course, the student will be able to:

Cots. No.	Course outcomes	Cognitive level
103. 1	Developed as an ability to examine & compare of adaptability of defence production.	4
103. 2	Understand the importance of defence production & its modernising in world.	2
103. 3	Understanding to how recent changes in production the utility of force in international relations.	2

M.A. Part I Semester I (Defence & Strategic Studies): Skill Based Course DEF 104- International Relation

Course Objective:

(60Hrs.)

- 1 The paper offers various theories, concepts & approaches to international relation.
- 2 To understand the ubiquitous nature of north-south state dialogues including the issue of economic trades after the cold war.

Unit 1- Introduction of IR

- a) Meaning, Scope of International Relations
- b) Liberalisms
- c) Realism
- d) Marxism

Unit 2- Major International concept of during cold war

- a) Diplomacy
- b) Balance of Power
- c) Deterrence
- d) Détente

Unit 3- Impact on Cold War in International Relation

- a) Arms Control
- b) Disarmament
- c) Arms Race
- d) Proxy Wars and Insurgencies

Unit 4- New International Economic Order (NIEO)

- a) Background and Objective
- b) North – South Dialogue,
- c) South-South Dialogue
- d) GAAT and WTO

References: -

- 1) Margenth H., Politics among the Nation, (New Delhi, Kalyani, 1985)
- 2) Baylis J., Booth Ken, Garnett John and Williams Phil, Contemporary Strategy: Theories and Concepts, Vol. I and II (London: Groom Helm, 1987)
- 3) Todkar B.D. Aantarrashtriya Sambhandh: Mahtvachya Sankalpana, (Pune: DiamondPublication,2011)
- 4) Burchill, Scott et al, *and Theories of International Relations* 4th (ed.) (London: Palgrave,2001)
- 5) Carlsnaes Walter, Risse Thomas and Beth A. (ed.), (Handbook of International Relation, 2008)
- 6) Noam D. Palmer and Howard Parkins, International Relation, (Culcatta Scientific Book Agency, 1985)
- 7) Malothra Vijay Kumar, International Relation, (New Delhi, Vikas Publication House Pvt. Ltd., 1997)
- 8) Todkar B. D. Aantarrashtriya Sambhandh2014 he bhartache parrashtra dhoran,(Jalgaon: Prashant Publication,2015)
- 9) Tajain Arpit, Nuclear Deterrence in South Asia, (New Delhi, Sage Publication, 2005)
- 10) Hagerty Devin T., South Asia in World Politics, (United Kingdom, Rowman and Littlefield, 2005)
- 11) Williams Mave (ed.), International Relation in the Twentieth Century: A Reader,(London, Macmillan, 1989)
- 12) Baylis John and Smith Steve, The Globalisation of World Politics: An Introduction to World Politics, (Oxford: Oxford University Press, 1997)
- 13) Khanna V. N., International Relation, (Delhi, Vikas Publication House, 1997)
- 14) Paranjape Shrikant, Samarik shastra (in Marathi), (Pune, Continental, 1994)
- 15) Todkar B.D. Aantarrashtriya Rajkaran,(Jalgaon: Prashant Publication,2016)
- 16) Calvocoressi Peter, World Politics 1945-2000, (New Delhi, Pearson Education, 2008)
- 17) Metha R.S., Encyclopedia of Nuclear Arms Control & Non-Proliferation Volume 1-5,(Delhi, Pentagonaon Press, 2007)
- 18) Steve Weber, Cooperation and Discord in US-Soviet Arms Control, (Princeton, Princeton University Press, 1992)
- 19) Rishiraj Singh, Arms Controls The Politics of Disarmament, (Delhi, Dominant Publishers and Distributors, 2004)
- 20) Gill Paramjit Kaur and Sehgal Sheveta, Dynamics of International Relations: Moving from International to Global, Theory and Issues, (New Delhi, Atlantic, 2012)
- 21) Chomsky N., World Orders: Old & New, (Delhi, OUP, 1998)
- 22) Yadav, S. N., Nuclear Non – Proliferation Treaty and World Security, (New Delhi, Global Vision Publishing House, 2014Ken Booth, and Steve Smith (eds) Positivism and Beyond: International Relations Theory Today (Oxford: Polity Press, 1995).

Program Outcomes (PO) for M.A. Program:

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
104.1	The students will join various research centers, the course will be helpful for his/her to an analyst.	4
104.2	The students will understand and be able to analyse,	2
104.3	Improve the analytical thinking of our students so that they may independently reach conclusions about international relations dilemmas.	5

M.A. Part I Semester I (Defence & Strategic Studies): Audit Courses

AC-101: Practicing Cleanliness

(Compulsory; Campus-level Audit Course; Practical; 2 Credits)

Course Objectives (COs):

- To make students aware of Clean India Mission and inculcate cleanliness practices among them.
- Awareness program on
 - Swachh Bharat Abhiyan (Clean India Mission)
 - Clean Campus Mission
 - Role of youth in Clean India Mission
 - Cleaning activities inside and surroundings of Department buildings.
 - Tree plantation and further care of planted trees
 - Waste (Liquid/Solid/e-waste) Management, Japanese 5-S practices
 - Planning and execution of collection of Garbage from different sections of University campus
 - Role of youth in power saving, pollution control, control of global warming, preservation of ground water and many more issues of national importance.
 - Cleanest School/Department and Cleanest Hostel contests
 - Painting and Essay writing competitions

Course Outcomes (COs):

On completion of this course, the student will be able to:

Cots. No.	Course Outcomes	Cognitive level
AC101.1	Identify need at of cleanliness at home/office and other public places.	2
AC101.2	Plan and observe cleanliness programs at home and other places.	4
AC101.3	Practice Japanese 5-S practices in regular life.	3

M.A. Part I Semester II (Defence & Strategic Studies): Core Courses

DEF 201- Geopolitics & Military Geography

Course Objective:

(60Hrs.)

- Identify and assess the effect of physical and cultural geographic features on the conduct of military operations;
- The paper deals with military geography of various geopolitics since 19th century with special reference to their strategies and tactics adopted in the decisive changes in world history.
- Understand the importance of geopolitics during the peace time and war time.

Unit 1-Introduction of Geopolitics

- Definition, Concept and Scope
- Strategic Importance of Natural Resources
- Geopolitics in War and Peace
- Climate-Size-Shape and Depth

Unit 2- Evolution of Geopolitical Thoughts

- Alford Mackinder-Hartland Theory
- Karl Haushofer -Concept
- A. T. Mahan -Sea Power Theory
- Giulio Douhet-Air Power Theory

Unit 3- Military Geography and War Planning

- Role of Geography in Land, Sea and Air Warfare
- Importance and Scope of Logistics

- c) Importance of Resources, Industries and Supply Chain
- d) Defence Problem-Weather and Communication

Unit 4- Geo Strategic Significance of India

- a) India’s Land Border- Strategic Position
- b) India’s Maritime Border-Strategic Position
- c) Geo-Economics- Meaning and Importance
- d) Militarization of the of Indo-Pacific Region

References:

- 1) Collins John M, Military Geography: For Professional and Public, (Washington, D C: National University Press, 1998)
- 2) Das Shiva Tosh, Geo-Strategy, (Allahabad: Kitab Mahal,1986)
- 3) Das T.S. Studies in Defence Strategy, (Sagar Publication, New Delhi,1978)
- 4) Sali M. L., Military Geography, (New Delhi: Manas Publication, 2009)
- 5) Das S.T., Studies in Defence Strategy, (New Delhi: Sagar Publication, 1978)
- 6) Gray Colin S and Sloan Geoffrey, Geopolitics, Geography and Strategy, (New York: Rutledge, 2013)
- 7) The Indian Ocean and the Future of American Power, Robert D. Kaplan, (Random House, 2010)
- 8) Maritime Forces in Pursuit of National Security, Gurpreet S Khurana,Shipra, 2008. 3. India’s Maritime Security, Rahul Ray Chaudhary, (IDSA and Knowledge world, New Delhi, 2010)
- 9) Role of the Coast in the Maritime Security of India, Prabhakaran (Paleri, Knowledge world, New Delhi,2007)
- 10) Sea Power and Indian Security, Rahul Roy Chaudhary, (Bressey’s, London and Washington, 1995)

Program Outcomes (PO) for M.A. Program:

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
201. 1	Develop an ability to analyse geographical information, questions and issues	4
201. 2	Aware of critical thinking and decision-making by real-world, strategic leaders.	2
201. 3	Develop the geographical outcomes are influenced by complex links between physical, human factors and processes.	3

DEF 202- Defence Economics

Course Objective:

(60 Hrs.)

- 1 The paper focus on the defence economic theories and India’s defence production and present Make in India under defence policy.
- 2 The paper deals with Trend and Analysis of India’s Defence Expenditures.
- 3 To encourage the students to critically think and analyse various issues confronting India’s Defence Economics

Unit 1-Economics Theories of Defence

- a) Adam Smith
- b) David Ricardo
- c) Thomas Robert Malthus
- d) Jean-Baptiste Say

Unit 2-Defence and Development

- a) Defence Budget and National Economy
- b) Defence and Development
- c) Rationale of Arms production
- d) Trend and Analysis of India's Defence Expenditures since Independence.
- e) Comparative Study of Defence Budget of neighbouring Country.

Unit 3-Defence Procurement Policy

- a) Self Sufficiency and Self Reliance
 - 1) Need
 - 2) Challenges
- b) Comparative View on the economics of Defence Acquisition and Procurement.

Unit 4- Foreign Direct Investment in Defence Sector of India

- a) Need for FDI
- b) Peculiarities of FDI
- c) Challenges in Attracting FDI in Defence Sector
- d) Apprehension in permitting FDI

Reference:

1. Mathews Ron, Defense Production in India (New Delhi, ABC, 1989)
2. ChadraShekhar, Arming the Defense Forces: Procurement of Production Policy (New Delhi, Manas Publication, 2004)
3. Malik V.P. and AnandVinod, Defense Planning: Problems and Prospects (New Delhi, Manas Publication, 2006)
4. Military Year Book, (New Delhi, S.P. Publication, various years)
5. SIPRI Military Year Book, (Sweden, Stockholm, various years)
6. NarainPratap, India's Arms Bazaar (New Delhi, Shilpa Publication, 1998)
7. Annual Reports of Ministry of Home Affairs (various years)
8. Jain U. C. and Nair Jeevan, Indian Defence and security (Jaipur, Pointer publication, 2000)
9. Mishra H. B., Defence Programmes of India (New Delhi, Author Press, 2000)
10. Laksmi Y, Trends in India's Defence Expenditure, (New Delhi, ABC, 1998)
11. Annual Report Ministry of Defence (Various Years)
12. AathwaleSanitha, Defence Services (New Delhi, Akansha Publication,)
13. DuttaMeena and Sharma, Defence Economics (New Delhi, Deep and Deep, 2005)
14. Ghosh A. K, India's Defence Budget and Expenditure Management in a wider context (New Delhi, Lancer, 1996)
15. Ghosh A. K., Defence Budgeting and Planning in India: The Way Forward, (New Delhi, USI, 2006)
16. BeheraLaxman Kumar (ed.), Defence acquisition – International Best Practices (New Delhi, Pentagon Press, 2013)
17. Vohra. B, Defence Economics, (New Delhi, Sumit Enterprises, 2010)
18. Devendra.P, Funding for Defence and Development Before And After Kargil War, (New Delhi, Radha Publication., 2008)
19. Kennedy G., Economics of Defence, (London, Faber & Faber, 1975)
20. BeheraLaxman Kumar (ed.), Indian Defence Industry an Agenda for Making in India (New Delhi, Pentagon Press, 2016)

Course outcomes: On completion of this course, the student will be able to:

CO No.	Course Outcomes	Cognitive level
304. A. 1	Understand the intricacies of the making India and Defence Manufacturing.	2
304. A. 2	Research measure on the industry development & defence procurement, Investments & manufacturing.	5
304. A. 3	Develop a capacity to reflect on new issues emerging in defence sector and India's response.	3

DEF 203- Major International Conflicts after World War-II

Course Objective:

(60Hrs.)

- 1 Understand the Conflicts and effect on world politics.
- 2 The paper deals with military Geography of various Geopolitics since 19th century with special reference to their strategies and tactics adopted in the decisive Changes in World history.

Unit 1- Arab- Israel War

- a. Causes with reference to Suez Crisis and Arab-Israel Conflict (1956)
- b. Six Day War (1967) and Yom Kippur War (1973)
- c. Oil Politics and West Asia (OPEC)
- d. Israel-Palestine Conflict – Historical Background and Current Developments

Unit 2- India-Pakistan war (1971)

- a. Genesis and Causes of War
- b. Role of Indian Army Air Force and Navy in the Military Operations
- c. Emergence of Bangladesh
- d. Political-Military lessons

Unit 3- War in Afghanistan (After 9/11)

- a. Background of War - US Strategy in ‘War on Terror’
- b. An Al-Qaeda and Taliban Nexus
- c. US Troops Withdrawal in Afghanistan-2021
- d. War Implication on Afghanistan

Unit 4 – Russia -Ukraine War (2022)

- a. Background of Russia - Ukraine War
- b. Actual Conflict Between Russia and Ukraine
- c. Role of US and NATO in Ukraine War
- d. War Implication on India

Reference:

1. Michael Varhola, Fire and Ice: The Korean War, 1950-1953, New York: Da Capo Press, 2000) Millett, Allan R, "A Reader's Guide to The Korean War" Journal of Military History (1997) Vol. 61 No.
2. [https://web.archive.org/web/20070716132045/http://korea50.army.mil/history/fa ctsheets/Histog.shtml](https://web.archive.org/web/20070716132045/http://korea50.army.mil/history/fa%20ctsheets/Histog.shtml)
3. Sandler, Stanley ed., The Korean War: An Encyclopaedia (Garland, 1995)
4. Derek Varble, The Suez Crisis 1956, (Bloomsbury Publishing, 2003)
5. The Cuban Missile Crisis, October 1962, <https://history.state.gov/milestones/1961-1968/cuban-missile-crisis> 6) Bruce Riedel, JFK's Forgotten Crisis: Tibet, the CIA, and Sino-Indian War, Brookings Institution 2017.
6. Dewan, B.N. War and Peace in West Asia, New Delhi, Topical Publications, 1969,
7. Hayes, G.P. Middle East Politics: The Military Dimension, Published December 7, 2020 by Routledge
8. O'Ballance, E. The Third Arab-Israeli War, Archon Books, January 1, 1972
9. Benny Morris, 1948 – A History of the First Arab–Israeli War, Yale University Press, 2009
10. Abraham Rabinovich, The Yom Kippur War: The Epic Encounter That Transformed the Middle East, Schocken; Reprint edition, October 2005
11. Vietnam: The Course of a Conflict, available on Vietnam-Willbanks.pdf (army.mil)
12. The Vietnam War, Geoffrey C.Ward and Ken Burns,Ebury Press, 2019
13. Alastair Finlan, The Gulf War 1991, Osprey Publishing, May 20, 2003
14. The Gates of Europe-A History of Ukraine, Serhii Plokhyy, Basic Books. May 2017
15. Ukraine and Russia: From Civilized Divorce to Uncivil War, Paul D'Anieri Cambridge University Press, October 2019

Course outcomes: On completion of this course, the student will be able to:

CO No.	Course Outcomes	Cognitive level
203. 1	Analyse the role and impact of significant historical themes, events and individuals within their societies and the world at large.	4
203. 2	Apply the historical skills of inquiry, observation, classification, recording and interpreting.	3
203.3	After the Course completed practice scientific values such as openness, rationality, precision, and transparency	3

**M.A. Part I Semester II (Defence & Strategic Studies): Skill Based Course
DEF 204- Internal Security Scenario of India**

Course Objective

(60Hrs.)

- 1 Understand the India's Internal Security Issue and Challenges.
- 2 Day by day Changing Outline of Security & Development
- 3 Students will be able to identify and assess potential terror, accident, and threats to India.

Unit 1-Internal Security Scenario

- a) Introduction
- b) Concepts
- c) Important
- d) Situation

Unit 2-Traditional & Non-Traditional Security Challenges

- a) Terrorism (Cross border Terrorism)- special reference to Jammu & Kashmir
- b) Insurgency in North-East State
- c) Left wing Extremism
- d) Organised Crime

Unit 3-Development and Security: Changing Outline

- a) Economic and social distinction
- b) Decades of development and Development right
- c) Human development and Human security
- d) Communal violence and security

Unit 4-Responsible for the maintenance of internal security and domestic policy.

- a) The union home minister
- b) The home ministry in state government
- c) The state intelligence department (SID)
- d) Judicial system

References:

- 1) Ole Waever, (ed.) National Security in Perspective, (New Delhi: Gian Publishing House,2003)
- 2) Yadav S.N. Terrorism Drug Trafficking organised crime, (New Delhi: Jananda Prakashan,2009)
- 3) Liu Xuecheng, The Sino-India border dispute and Sino-India relations, (University Press of America,1994)
- 4) SaorjaB. Threat to India's Security,(New Delhi: Exxiss bookpvt.ltd.2013)
- 5) Nanavatty R. K. Internal Armed Conflict in India, (New Delhi: Center for Land Warfare Studies, Pentagon Press, 2013)
- 6) MeenaKanta & MeenaHemraj, Naxalite Insurgency and Gurrilla Warfare, (Jaipur BooksEnclave,2012)
- 7) Nayyar V.K. India's Security (New Delhi: Summit Enterprises,2014)
- 8) Das Gautam,Securing India's Borders,(New Delhi: Center for Land Warfare Studies, PentagonPress,2012)
- 9) Das Gautam, Insurgences in North East India, (New Delhi: Center for Land Warfare Studies, PentagonPress,2013)

- 10) Jadhav V. Y. Bhartachi Antargat Suraksha, (Jalgaon: AtharvPublication,2015)
- 11) Rosy Tripathy & Nidhi Singh, Need for Reform in the Internal Security of India, GoapaK. N. Chowdhari, (ed.), Counter Terrorism, The Indian Police Journal, Published by, The Bureau of Police Research & Development Ministry of Home Affairs, Govt. of India, New Delhi, April-June, 2011, Vol. L VIII, No-2, pp-55-62.
- 12) Pawar Onkar, Internal Security Problems in Northeast India-Insurgency and Counter Insurgency, (Delhi: kalpaz Publication, 2016)
- 13) Ahluwalia V K, "Red Revolution 2020 and Beyond", (New Delhi: Bloomsbury, 2013)
- 14) Schofield Victoria, Kashmirin Conflict, (Delhi: Viava Books Private Limited, 2004)

Course outcomes: On completion of this course, the student will be able to:

CO No.	Course Outcomes	Cognitive level
204. 1	Development of analytical skills so as to be able to appreciate the importance of the subject and spread its awareness.	3
204. 2	Demonstrate an understanding of contemporary issues concerning policymaking processes in the national security community	2
204. 3	Analyse concepts related to planning and implementation in a national security context	3

M.A. Part I Semester II (Defence & Strategic Studies): Audit Courses

AC-201(A): Soft Skills (Personality and Cultural Development Related Audit course; Practical; 2 Credits) (Optional: Campus-level)		
	<i>Course Objectives (COs):</i> <ul style="list-style-type: none"> To inculcate different soft skills among students. 	
Unit 1	Introduction to soft skills Formal definition, Elements of soft skills, Soft vs. Hard skills, Emotional quotient, Goal setting, life skills, Need for soft skills, Communication skills, Etiquettes & Mannerism.	2 hrs.
Unit 2	Self-Assessment Goal setting, SWOT analysis, attitude, moral values, self-confidence, etiquettes, non-verbal skills, achievements, positive attitude, positive thinking and self-esteem. Activity: The teacher should prepare a questionnaire which evaluate students in all the above areas and make them aware about these aspects.	4 hrs.
Unit 3	Communication Skills Types of communication: Verbal, Non-verbal, body language, gestures, postures, gait, dressing sense, facial expressions, peculiarity of speaker (habits). Rhetoric speech: Prepared speech (topics are given in advance, students get 10 minutes to prepare the speech and 5 minutes to deliver, Extempore speech (students deliver speeches spontaneously for 5 minutes each on a given topic), Storytelling (Each student narrates a fictional or real-life story for 5 minutes each), Oral review (Each student orally presents a review on a story or a book read by them) Drafting skills: Letter, Report & Resume writing, business letters, reading & listening skills Activity: The teacher should teach the students how to write the letter, report and build resume. The teacher should give proper format and layouts. Each student will write one formal letter, one report and a resume.	8 hrs.
Unit 4	Formal Group Discussion, Personal Interview & Presentation skills Topic comprehension, Content organization, Group speaking etiquettes, driving the discussion & skills. Preparation for personal interview: dress code, greeting the panel, crisp self-introduction, neatness, etiquettes, language tone, handling embarrassing & tricky questions, graceful closing.	4 hrs.

	Activity: Each batch is divided into two groups of 12 to 14 students each. Two rounds of a GD for each group should be conducted and teacher should give them feedback. Mock interview are to be conducted.	
Unit 5	Aptitude and analytical skills Quantitative aptitude, Numerical reasoning, verbal reasoning, diagrammatic test, situational tests, logical thinking. Analytical skills: Definition, Types, problem solving	8 hrs.
Unit 6	Life skills Time management, critical thinking, sound and practical decision making by dealing with conflicts, stress management, leadership qualities Activity: The teacher can conduct a case study activity to train students for decision making skills. The teacher should conduct a session on stress management and guide students on how to manage stress. The teacher may conduct a stress relieving activity in the class. He/she may counsel students individually to know their problems and guide them on dealing with them effectively.	4 hrs.

Suggested readings:

1. Basics of Communication In English: Francis Sounderaj, MacMillan India Ltd.
2. English for Business Communication: Simon Sweeney, Cambridge University Press
3. An Introduction to Professional English and Soft Skills: Das, Cambridge University Press
4. Quantitative Aptitude: R.S. Agrawal

Course Outcomes (COs):

On completion of this course, the student will be able to:

CO No.	CO	Cognitive level
AC201A.1	Identify their lacunas about some soft skills and try to overcome the same.	2
AC201A.2	Practice learned soft skills in real life and do their jobs more effectively.	3

AC-201(B): Practicing Sports Activities (Personality and Cultural Development Related Audit course; Practical; 2 Credits) (Optional: Campus-level)				
<i>Course Objectives (CObs):</i>				
<ul style="list-style-type: none"> To motivate students towards sports and provide them required training. 				
SR NO.	NAME OF THE SPORT/GAME (Select ONE of the Following)	SYLLABUS OF THE COURSE	TIMING (02 Hours in a Week)	SEMESTER
1	Volleyball	<ul style="list-style-type: none"> General Fitness Basic Fitness Specific Fitness History of the Game Basic Skill of the Game Major Skill of the Game Technique & Tactics of the Game Game Practice 	Morning : 07 to 09 AM OR Evening : 05 to 07 PM	Total 30 Hours in Each Semester
2	Athletics			
3	Badminton			
4	Cricket			
5	Basketball			
6	Handball			
7	Kabaddi			
8	Kho-Kho			
9	Table-Tennis			
10	Swimming			

Course Outcomes (COs):

On completion of this course, the student will be able to:

CO No.	CO	Cognitive level
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AC201B.1	Identify one or more sports of their choice and develop more interest to participate at University/National level sport events.	2
AC201B.2	Practice the learned sports activities regularly in real life.	3

AC-201(C): Practicing Yoga (Personality and Cultural Development Related Audit course; Practical; 2 Credits) (Optional: Campus-level)	
	<p>Course Objectives:</p> <ul style="list-style-type: none"> To motivate students towards yoga and provide them required training.
	<ul style="list-style-type: none"> Yog: Meaning, Definition & Introduction, Objectives Primary Introduction of Ashtanga Yoga Preparation of Yogabhyas Omkar Sadhana, Prayer, Guru Vandana Sukshma Vyayamas Suryanamaskar (12 Postures) Asanas : <ul style="list-style-type: none"> Sitting (Baithaksthiti) - Vajrasana, Padmasana, Vakrasana, Ardha-Pashchimotanasana Supine (Shayansthiti) - Uttan Padaasan(Ekpad/Dwipad), Pavanmuktasana, Viparitarani Aasan, Khandarasan, Shavasana Prone (Viparitshayansthiti) - Vakrahasta, Bhujangasana, Saralhasta Bhujangasana, Shalabhasana(Ekpad/Dwipad), Makarasana Standing (Dhandsthiti) - Tadasana , TiryakTadasana, Virasana, Ardh Chakrasana Primary Study of Swasana: Dirghaswasana, Santhaswasana, JaladSwasana - 6 Types Pranayama : Anuloma-viloma, Bhramari

Course Outcomes (COs):

On completion of this course, the student will be able to:

CO No.	CO	Cognitive level
AC201C.1	Identify and practice some Yoga asanas regularly in their life to remain healthy.	2
AC201C.2	Provide guidance and practice about Yoga to their friends, parents and relatives.	3

AC-201(D): Introduction to Indian Music (Personality and Cultural Development Related Audit course; Practical; 2 Credits) (Optional: Campus-level)	
	<p>Course Objectives:</p> <ul style="list-style-type: none"> To motivate students towards Indian music and provide them minimum required training.
	<ul style="list-style-type: none"> Definition and brief about generation of Swar, Saptak, Thaata, Raag, Aavartan, Meend, Khatka, Murkee, Taal, Aalaap etc. Taal and its uses - Treetaal, Daadraa, Zaptaal, Kervaa. Information of Badaakhyaal, Chhotaakhyaal (one), Sargam, Lakshangeet (information) Detailed information of Tambora Detailed information of Harmonium and Tablaa. Five filmy songs based on Indian Classical Music (Theory and Presentation) Sound Management - Basic information of Sound Recording (including Practicals) Composition of Music as per the Story Preparing news write-ups of the Seminars, Library Musical Programmes held at the nearest Akashwani, by personal visits.

Course Outcomes (COs):

On completion of this course, the student will be able to:

CO No.	CO	Cognitive level
AC201D.1	Identify different types of Indian music.	3
AC201D.2	Develop more interest to learn and practice Indian music.	4

Distribution of Course papers for M. A. Part II Defence & Strategic Studies

Subject Code	Title of the Paper		Duration (Hrs./Wk)	Max. Mark	Exam. Time (Hrs.)
M.A. Part II (Defence & Strategic Studies)					
Semester III : Theory Courses					
DEF-301	Strategic Thinkers	Core course	04	100	03
DEF-302	Research Methodology	Core course	04	100	03
DEF-303	Drug: Threats to Health, Society and Security	Core course	04	100	03
DEF-304 (A)	Science, Technology and National Security	Elective course	04	100	03
DEF-304 (B)	International Organizations				
AC-301A/B/C/D	Choose one out of Four (AC-301A/ AC-301B/ AC-301C/ AC-301D) from Technology + Value Added Courses	Audit course	02	100	--
Semester IV : Theory Courses					
DEF-401	Cyber Security	Core course	04	100	03
DEF-402	Foreign Policy of India	Core course	04	100	03
DEF-403	Research Project Work	Project	04	100	03
DEF-404 (A)	Terrorism and India	Elective course	04	100	03
DEF-404 (B)	Maritime Security of India				
AC-401A/B/C/D	Choose one out of Four (AC-401A/ AC-401B/ AC-401C/ AC-401D) from Professional and Social + Value Added Courses	Audit course	02	100	

M.A. Part II Semester III (Defence & Strategic Studies): Core Courses

DEF 301- Strategic Thinkers

Course Objective:

(60Hrs.)

- 1 To provide knowledge about the concepts of strategy and tactics and relationship between war and politics and the thoughts of noted strategic thinkers.
- 2 The course will provide students an acquaintance with the concepts of strategic thinker as propounded by prominent classical and modern thinker.
- 3 Students will also develop analytical thinking regarding relevance of such thought to contemporary period.

Unit 1- Kautilya's Philosophy of War

- a) View on War and Peace
- b) Diplomacy and Policy of Extension of Warfare
- c) Role of State and Society

Unit 2- Niccolo Machiavelli

- a) The Theory of State
- b) War
- c) War & Policy
- d) View on Military organisation

Unit 3- Clausewitz thought

- a) Strategy & Tactics
- b) View on War & Policy
- c) Offence & Defence
- d) Conclusion

Unit 4-Antonio Heanri Jomini

- a) Military Policy
- b) Strategy
- c) Grand Tactics and Battle
- d) Combined Arms

Books Recommended:

1. L. Spalding & J. W. Wright, Warfare, Washington 1937.
2. F. Gilbert, Machiavelli, Art of War.
3. Makers of Modern Strategy, E. M. Earl, at el.(eds), 1986
4. L. Montros, War Through the Ages, New York, 1960.
5. M.Howard, War in European History, London 1976.
6. J. F. C. Fuller, Conduct of War, New Delhi
7. Machiavelli, The Prince, Britain 1961.
8. M. Howard, The Theory and Practice of War, London 1965.

Course outcomes: On completion of this course, the student will be able to:

CO No.	Course Outcomes	Cognitive level
301. 1	Understand the nature, scope and development of strategic thoughts.	2
301. 2	Understand the concepts of strategy and tactics, relationship between war and politics in view of noted strategic thinkers.	2
301.3	Understand the concept of armoured and mechanised warfare.	2

DEF 302- Research Methodology

Course Objective:

(60Hrs.)

- 1 To familiarize participants with basic of research and the research process.
- 2 Develop understanding on various kinds of research, objectives of doing research, research process, research designs and sampling.
- 3 The student focus on any research topic used research components and techniques

Unit 1- Concept, Major Components of Research

- a) Meaning and importance of Research
- b) Formulation of Research Problem
- c) Hypothesis: Meaning and Utility
- d) Literature Review

Unit 2-Research Methods

- a) Historical
- b) Survey of Literature,
- c) Sampling,
- d) Questionnaire,

Unit 3- Research Design & Data Collection and Data collection sources

- a) Meaning and concept of Research & Data
- b) Types of Research Design
- c) Types of data sources
- d) Analysis of Data

Unit 4-Research Report Writing

- a) Determinants
- b) Characteristics,
- c) Objectives.

References:

1. Ahuja, R., Research Methods, (Jaipur, Rawat Publications,2011)
2. Blaikie, N., Designing Social Research, (Cambridge, Polity Press,2000)
3. Brew, A., The Nature of Research: Inquiry in Academic Contexts, (London and New York, Routledge/ Falmer,2001)
4. Bryman,A.,SocialResearchMethods,Oxford,(OxfordUniversityPress,2008(4thedition).
5. Burnett,J.,DoingYourSocialScienceDissertation,(London,SagePublications,2009)
6. Cargan, L., Doing Social Research, (Jaipur, Rawat Publications,2008)
7. Cresswell, J. W., Research Design – Qualitative, Quantitative, and Mixed Methods Approaches, (New Delhi, Sage Publications, 2009 (3rdedition))
8. Czja,R.andBlair,J.,DesigningSurvey,(London,SagePublications,2005(2ndedition))
9. Flick, U., Designing Qualitative Research, (London, Sage Publications,2007)
10. Flick, U., Introducing Research Methodology, (London, Sage Publications,2011)
11. Grix,J.,TheFoundationsofResearch,(NewYork,PalgraveMacmillan,2004)
12. Hakim,C.,ResearchDesign:SuccessfulDesignsforSocialandEconomicResearch,(London, Routledge,2008)
13. Holliday,A.,DoingandWritingQualitativeResearch,(London,SagePublications,2007(2nd edition))
14. Israel,M.andHay,L.,ResearchEthicsforSocialScientists,(London,SagePublications,2006)
15. Kothari,C.R.ResearchMethodology:AnIntroduction,(Delhi,NewAge,2004)
16. ChrisHart, Doingyour Masters Dissertation, (New Delhi, Sage Publication,2005)
17. S. J. Shenmare & N. U. Raut, How to Write Dissertation and Research Papers, (Jaipur, Satyam Publishers, 2013)
18. MishraR.P.-Research Methodology, (ConceptPublishingCompany,01-Jan-1989)

Course outcomes: On completion of this course, the student will be able to:

CO No.	Course Outcomes	Cognitive level
302. 1	Have basic knowledge on research component and method.	3
302. 2	Have basic awareness of data analysis-and hypothesis testing procedures	3
302.3	Evaluating as a good research scholar for research paper writing.	5
302.4	Develop the ability to understand and practice the ethics surrounding scientific Research.	3

DEF 303- Drug: Threats to Health, Society and Security

Course Objective:

(60Hrs.)

- 1 The paper offers various drug threats to health, society & indirectly state including dispute of Current relevance.
- 2 Awareness of difference between drug used & abused approach.
- 3 To enable students to assess the success and constraints of addiction free India

Unit 1-Introduction to drugs

- a) Meaning and importance of Drugs
- b) Type of the Nature
- c) Used & Misused
- d) Availability
- e) Effect

Unit 2-Threats to Health & Society

- a) Aggression
- b) Domestic Violence
- c) Infatuation to youth
- d) Malpractice

Unit 3-Threat to Security

- a) Organized crime
- b) Drug trafficking a challenge
- c) Narco-terrorism
- d) Regional Threat (Golden Tringle & Golden Crescent)

Unit 4- Government agency for Drug Addiction problem

- a) Narcotics Control Bureau
- b) The Central Drugs Standard Control Organisation (CDSCO)
- c) National Centre for Drug Abuse Prevention (The National Institute of Social Defence)

References:

1. Dr. Mansi Rajhans, Prof. Angha Patil & Dr. Sushil Surve, Abnormal Psychology, (Pune, Unmesh Publications,2004)
2. Pushpita Das, Drug Trafficking in India: A Case for Border Security, (New Delhi, Institute for Defence Studies and Analyses, 2012)
3. Roy K. Anderson, Drug Smuggling and Taking in India and Burma, (Forgotten Books, 2018)
4. [Role and functions of the Narcotics Control Bureau | Ministry of Home Affairs | Go \(mha.gov.in\)](https://mha.gov.in)
5. [Central Bureau of Narcotics \(cbn.nic.in\)](https://cbn.nic.in)
6. Prabhjyot Kaur & Puneet Kumar Kaushal, Drug Trafficking, <https://www.igi-global.com/chapter/drug-trafficking/248062>
7. C. K. Gandhirajanan, Organised Crime

Program Outcomes (PO) for M.A. Program:**Course outcomes:** On completion of this course, the student will be able to:

CO No.	Course Outcomes	Cognitive level
303. 1	Identify and analyse the sources of drug abuse & trafficking.	2
303. 2	To value for need of awareness and proliferation of Human, Society & State development on drugs	5
303. 4	Developed a policy or solutions for how to stop the proliferation of drugs	5

M.A. Part II Semester III
(Defence & Strategic Studies): Elective Course (Select only one)
DEF 304 (A) – Science, Technology and National Security

Course Objective:

(60Hrs.)

1. To Understand concepts science & technology for the national security.
2. To understand the transfer of technology from dual use to critical & impact throughout on world.

Unit 1- Introduction to emerging technologies.

- a) Electronics,
- b) Computers,
- c) Nanotech
- d) Artificial Intelligence.

Unit 2- Armament and Weapon Technology.

- a) Small arms technology
- b) Armoured Vehicles Technology
- c) Submarines and Aircraft Carrier
- d) Aircraft, Rocket, Missile and Space Vehicle

Unit 3- Energy

- a) Introduction
- b) Need for an energy security policy
- c) India's Civil Nuclear Energy
- d) India's Energy Scenario.

Unit 4- Transfer of Technology

- a) Dual Use Technologies
- b) Critical technologies
- c) Impact on national security

References:

1. Ajey Lele, Strategic Technology for the Military, (New Delhi, Sage, 2009)
2. Gopalakrishnan, K.V., Impact of Science and Technology on Warfare, (New Delhi, National Book Trust, 2003)
3. Sumit ganguly, & S. Paul Kapur, India, Pakistan, and the bomb: Debating Nuclear Stability in South Asia, (New Delhi, Columbia University Press, 2010)
4. Kelin, John., Space Warfare: Strategy, Principles and Policy' London: Routledge, 2006
5. Fuller, J.F.C., The Foundation of the Science of War (London, 1925)
6. N. Sharma & Banerjee, Nuclear Power in India, (New Delhi, Rupa publication 2008)
7. Rappert, Brain (ed)., Technology and Security: Governing Threats in the New Millennium, (New York: Hamshire, Palgrave Macmillan, 2007)
8. Ajay Lele, Strategic Technologies for the Military: Breaking New Frontiers, (New Delhi, SAGE India 2009)
9. Ajay lele, India Enters New Era of Space Navigation (IDSA, 2014)

10. Ajay Lele, India's Nuclear Triad: A Net Assessment (IDSA 2013)

Program Outcomes (PO) for M.A. Program:

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
304(A). 1	Understand the science & technology development in world	2
304(A). 2	To analyse of difference between good and bad technology, & changes in national security upon proliferation to dual technology	4

DEF 304 (B)-International Organisations

Course Objective:

(60Hrs.)

- 1 The paper offers various approaches to international Organisation including issue of current relevance.
- 2 focus on current international disputes and their implication related to world

Unit 1-International Organization,

- a) Evolution
- b) Development
- c) Theories
- d) Practices.

Unit 2- League of Nation, Structure, Functions and its Roles

- a) Global Power Politics from 1920 to 1945
- b) Failure of League of Nations and its Consequences
- c) League of Nation and Peace & Security- Decolonization Process, Human Rights,

Unit 3- International Security Environment and UN

- a) Background-Cold War Era. And Post-Cold War Era
- b) Present International Security Environment
- c) Roll of UN.

Unit 4- International and Regional Security Organizations

- a) Nature and Organizations of International and Regional Security Organizations
- b) European Union
- c) Shanghai Co-operation
- d) NAFTA & SAARC

References:

- 1) Wood Robert, (ed) The Process of International Organization (New York: RandomHouse, 1971)
- 2) Kher R.S. United Nations Organization, (New Delhi: Wisdom Press, 2013)
- 3) K.P.Saksena, Reforming the United Nations (New Delhi: Sage, 1993)
- 4) SJR Bilgrami, International Organization, (New Delhi: Vikas, 1983)
- 5) M.S.Rajan, World Order and the United Nations (New Delhi: HarAnand, 1995)
- 6) SugathaRamcharrit, United nations and World Politics (New Delhi: Kaniksha, 1998)

Course outcomes: On completion of this course, the student will be able to:

PO No.	Course Outcomes	Cognitive level
304. B. 1	Development of analytical skills so as to be able to appreciate the importance of the subject and spread its awareness.	3
304. B. 2	Identify, design and apply potential policy solutions designed to resolve or mitigate real-world conflicts.	3
304. B. 3	Focus on Peace-making operation and conflict resolution.	3

M.A. Part II Semester III (Defence & Strategic Studies): Audit Courses

AC-301(A): Computer Skills

(Technology + Value added Audit course; Practical; 2 Credits)

(Optional: Campus + Program level)

Course Objectives (COs):

- To inculcate different daily useful computer skills among students.

Unit 1	Elements of Information Technology 1.1 Information Types: Text, Audio, Video, and Image, storage formats 1.2 Components: Operating System, Hardware and Software, firmware 1.3 Devices: Computer, Mobile Phones, Tablet, Touch Screen, Scanner, Printer, Projector, smart boards 1.4 Processor & Memory: Processor functions, speed, Memory types: RAM /ROM /HDD /DVD-ROM/Flash drives, memory measurement metrics	2 hrs
Unit 2	Office Automation-Text Processing 2.1 Views: Normal View, Web Layout View, Print Layout View, Outline View, ReadingLayout View 2.2 Working with Files: Create New Documents, Open Existing Documents, SaveDocuments to different formats, Rename Documents, Close Documents 2.3 Working with Text: Type and Insert Text, Highlight Text, Formatting Text, Delete Text, Spelling and Grammar, paragraphs, indentation, margins 2.4 Lists: Bulleted and Numbered Lists, 2.5 Tables: Insert Tables, Draw Tables, Nested Tables, Insert Rows and Columns, Moveand Resize Tables, Moving the order of the column and/or rows inside a table, TableProperties 2.6 Page Margins, Gutter Margins, Indentations, Columns, Graphics, Print Documents, 2.7 Paragraph Formatting, Paragraph Attributes, Non-printing characters 2.8 Types of document files: RTF, PDF, DOCX etc.	5 hrs
Unit 3	Office Automation-Worksheet Data Processing 3.1 Spreadsheet Basics: Adding and Renaming Worksheets, Modifying Worksheets, 3.2 Moving Through Cells, Adding Rows, Columns, and Cells, Resizing Rows and Columns, Selecting Cells, Moving and Copying Cells 3.3 Formulas and Functions: Formulas, Linking Worksheets, Basic Functions, AutoSum, Sorting and Filtering: Basic Sorts, Complex Sorts, Auto-fill, Deleting Rows, Columns, and Cells 3.4 Charting: Chart Types, drawing charts, Ranges, formatting charts	5 hrs
Unit 4	Office Automation- Presentation Techniques and slide shows 4.1 Create a new presentation, AutoContent Wizard, Design Template, Blank Presentation, Open an Existing Presentation, PowerPoint screen, Screen Layout 4.2 Working with slides: Insert a new slide, Notes, Slide layout, Apply a design template, Reorder Slides, Hide Slides, Hide Slide text, Add content, resize a placeholder or textbox, Move a placeholder or text box, Delete a placeholder or text box, Placeholder or Text box properties, Bulleted and numbered lists, Adding notes 4.3 Work with text: Add text and edit options, Format text, Copy text formatting, Replace fonts, Line spacing, Change case, Spelling check, Spelling options 4.4 Working with tables: Adding a table, Entering text, Deleting a table, Changing row width, Adding a row/column, Deleting a row/column, Combining cells, Splitting a cell, Adding color to cells, To align text vertically in cells, To change table borders, Graphics, Add clip art, Add an image from a file, Save & Print, slide shows, slide animation/transitions.	6 hrs
Unit 5	Internet & Applications: 5.1 Computer Network Types: LAN, PAN, MAN, CAN, WAN, Defining and describing the Internet, Brief history, Browsing the Web, Hypertext and hyperlinks, browsers, Uniform resource locator 5.2 Internet Resources: Email, Parts of email, 5.3 Protecting the computer: Password protection, Viruses, Virus protection software, Updating the software, Scanning files, Net banking precautions.	4 hrs

	5.4 Social Networking: Features, Social impact, emerging trends, issues, Social Networking sites: Facebook, Twitter, linkedin, orkut, online booking services 5.5 Online Resources: Wikipedia, Blog, Job portals, C.V. writing 5.6 e-learning: e-Books, e-Magazines, e-News papers, OCW(open course wares): Sakshat(NPTEL) portal, MIT courseware	
Unit 6	Cloud Computing Basics 6.1 Introduction to cloud computing 6.2 Cloud computing models: SAS, AAS, PAS 6.3 Examples of SAS, AAS, PAS (DropBox, Google Drive, Google Docs, Office 365 Prezi, etc.)	3 hrs
Suggested readings:		
1. TCI, "Introduction to Computers and Application Software", Publisher: Jones & Bartlett Learning, 2010, ISBN: 1449609821, 9781449609825		
2. Laura Story, Dawna Walls, "Microsoft Office 2010 Fundamentals", Publisher: Cengage Learning, 2010, ISBN: 0538472464, 9780538472463		
3. June Jamrich Parsons, Dan Oja, "Computer Concepts Illustrated series", Edition 5, Publisher Course Technology, 2005, ISBN 0619273550, 9780619273552		
4. Cloud computing online resources		

Course Outcomes (COs):

On completion of this course, the student will be able to:

CO No.	CO	Cognitive level
AC301A.1	Identify their lacunas about some computer skills and try to overcome the same.	2
AC301A.2	Practice the learned computer skills in real life and do their jobs more effectively.	3

AC-301(B): Cyber Security

(Technology + Value added Audit course; Practical; 2 Credits)

(Optional: Campus + Program level)

Course Objectives (COs):

- To make students aware of different daily useful cyber security skills/rules.

Unit 1	Networking Concepts Overview Basics of Communication Systems, Transmission Media, ISO/OSI and TCP/IP models, Network types: Local Area Networks, Wide Area Networks, Internetworking, Packet Formats, Wireless Networks: Wireless concepts, Advantages of Wireless, Wireless network architecture, Reasons to use wireless, Internet	3 hrs
Unit 2	Security Concepts Information Security Overview, Information Security Services, Types of Attacks, Goals for Security, E-commerce Security, Computer Forensics, Steganography. Importance of Physical Security, Biometric security & its types, Risk associated with improper physical access, Physical Security equipments. Passwords: Define passwords, Types of passwords, Passwords Storage – Windows & Linux.	7 hrs
Unit 3	Security Threats and vulnerabilities Overview of Security threats, Hacking Techniques, Password Cracking, Types of password attacks, Insecure Network connections, Wi-Fi attacks & countermeasures, Information Warfare and Surveillance. Cyber crime: e-mail related cyber crimes, Social network related cyber crimes, Desktop related cyber crimes, Social Engineering related cyber crimes, Network related cyber crimes, Cyber terrorism, Banking crimes	7 hrs
Unit 4	Cryptography	5 hrs

	Understanding cryptography, Goals of cryptography, Types of cryptography, Applications of Cryptography, Use of Hash function in cryptography, Digital signature in cryptography, Public Key infrastructure	
Unit 5	System & Network Security System Security: Desktop Security, email security: PGP and SMIME, Web Security: web authentication, Security certificates, SSL and SET, Network Security: Overview of IDS, Intrusion Detection Systems and Intrusion Prevention Systems, Overview of Firewalls, Types of Firewalls, VPN Security, Security in Multimedia Networks, Fax Security.	3 hrs
Unit 6	OS Security OS Security Vulnerabilities updates and patches, OS integrity checks, Anti-virus software, Design of secure OS and OS hardening, configuring the OS for security, Trusted OS.	2 hrs
Unit 7	Security Laws and Standards Security laws genesis, International Scenario, Security Audit, IT Act 2000 and its amendments.	3 hrs
Suggested readings:		
<ol style="list-style-type: none"> 1. Skills Factory, Certificate in Cyber Security, Text Book Special edition, Specially published for KBC NMU, Jalgaon 2. BPB Publication, "Fundamentals of Cyber Security", Mayank Bhushan, Rajkumar Singh Rathore , Aatif Jamshed 3. CreateSpace Independent Publishing Platform, "Cyber Security Basics", Don Franke, ISBN-13: 978-1522952190 ISBN-10: 1522952195 4. Online references 		

Course Outcomes (COs):

On completion of this course, the student will be able to:

CO No.	CO	Cognitive level
AC301B.1	Practice learned cyber security skills/rules in real life.	3
AC301B.2	Provide guidance about cyber security skills/rules to their friends, parents and relatives.	2

AC -301 (C) Disaster Management in India

Course Objective:

(60Hrs.)

- 1 Understand the Disaster and its major effect on human security.
- 2 The paper offers various type of Disaster including issue of current relevance.
- 3 Understand Disaster Management and role of armed forces

Unit 1- Meaning, concept and type of Disaster

Unit 2- Natural Disaster in India and its Management

Unit 3- Role of Armed forces in Disaster Management

Unit 4- Man-made disaster Management and recent government policy

References:

- 1) Colonel (Retd) P.P. Marathe' Concepts and Practices in Disaster Management' (Pune: Diamond Publications 2006).
- 2) Rajdeep Dasgupta' Disaster Management and Rehabilitation' (New Delhi: Mittal Publications 2007).
- 3) Kamal Taori' Disaster Management through Panchayat Raj'(New Delhi: Concept Publishing Company 2005).
- 4) Reddy, A.V.S., Study Report on vision document for Creation of National Centre for Disaster Management (NCDM)/National Disaster Management Bureau. (NDMB)

- 5) Ministry of home Affair, government of India, “Annual Report 2014-15”, in NDMA, New Delhi.

Program Outcomes (PO) for M.A. Program:

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
AC-301. C. 1	Develop a capacity to reflect on new natural & Man-made Disaster in India	3
AC-301. C. 2	Development of disaster management skills and its awareness.	3
AC-301. C. 3	Work as disaster management adviser in various institutes.	5

AC-301 (D) Nuclear, Biological & Chemical Warfare

Course Objective:

(60Hrs.)

- 1 Understand the nuclear, biological & chemical warfare and its Impact of word.
- 2 To introduce students to environmental impacts of nuclear technology, and the physical and biological effects of ionizing radiation.

Unit 1- Nuclear Warfare

Unit 2- Nuclear Strategy & Defence

Unit 3- Biological Warfare

Unit 4- Chemical warfare

References:

- 1) Baiely Kathleen C, Weapons of Mass Distractions Costs Versus Benefit, (New Delhi, Manhoar Publication, 1994)
- 2) Bansal Alok and DuttSagarika (ed), South Asian Security 21st Century Discourses, (London, New York and New Delhi, Rutledge, 2012)
- 3) Chavan Anil, Aftermath of a Nuclear Attack, (New Delhi, Pentagon Press, 2010)
- 4) Dando Malcolm, Bio-terror and Bio-warfare a Beginners Guide, (London, One world Publication, 2006)
- 5) Dwivedi Manan and ChakravarthyDevaditya, Internal Security Threats to South Asia, (New Delhi, Kalpaz Publication, 2013)
- 6) Iqubal Mohammad, “Focus on Bioterrorism”, (Jaipur, Sublime Publication, 2013)
- 7) Kumar S, Nuclear Proliferation, (New Delhi, Shubhi Publications, New Delhi, 2009)
- 8) Mehata R.S. Encyclopedia of Nuclear Arms Control & Non-Proliferation, vol-04, Pentagon Press, New Delhi, 2007
- 9) Menon Raja, “Weapons of Mass Destruction: Options for India”, (New Delhi, Sage Publications Pvt. Ltd, 2004),

Program Outcomes (PO) for M.A. Program:

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
AC-301. D. 1	Development of disaster management skills and its awareness.	3
AC-301. D. 2	To expose students to career opportunities in radiological, nuclear, biological chemical (RNBC area), sciences and analysis.	3

M.A. Part II Semester IV (Defence & Strategic Studies): Core Courses
DEF 401- Cyber Security

Course Objective:

(60Hrs.)

1. To understand concepts and terminology of cyber security.
2. To identify them & preparing to the practice of protecting digital information from unauthorized access, corruption, or theft throughout during cyber used.

Unit 1- Overview of Cyber Security

- a) Meaning
- b) Concept
- c) Aims & Objectives
- d) Significance.

Unit 2- Cyber Crimes

- a) Introduction
- b) Categories
- c) Challenges
- d) Effect

Unit 3- Data Security

- a) Meaning & Important
- b) Type of data security
- c) Risks
- d) Solutions

Unit 4-National Cyber Security Policy & Government Initiatives for Cyber Security

- a) Background
- b) Need for a cyber security policy
- c) Main Components
- d) Government Initiatives for Cyber Security

References:

- 1) Dr. Jitendra Pande, Cyber Security Technic,
- 2) Behrouz A. Forouzan, Data Communication and Networking, (McGraw-Hill, 2007)
- 3) [Information Security Education and Awareness \(infosecawareness.in\)](http://infosecawareness.in)
- 4) [Cyber Laws | Ministry of Electronics and Information Technology, Government of India \(meity.gov.in\)](http://meity.gov.in)
- 5) BPB Publication, “Fundamentals of Cyber Security”, Mayank Bhushan, Rajkumar Singh Rathore , Aatif Jamshed
- 6) CreateSpace Independent Publishing Platform, “Cyber Security Basics”, Don Franke, ISBN-13: 978-1522952190ISBN-10: 1522952195

Program Outcomes (PO) for M.A. Program:

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
401. 1	Understanding cyber threat and crime, analyses and evaluation using methodologies as appropriate to the subject for drawing interpretations and conclusion.	2
401. 2	Have a basic understanding of National Cyber Security Policy	2
401. 3	Be able to identify issues related to information security.	3
401. 4	Technological development has been causing such deep transformation in contemporary society as those are to understand and analyse.	3

DEF 402- Foreign Policy of India

Course Objective:

(60Hrs.)

- 2 Explain different theories of foreign policy analysis
- 3 The Course is to promote critical engagement with the foreign policy analysis literature and enable students to display this engagement by developing their ability to present, substantiate and defend complex arguments.
- 4 Inculcate a spirit of nationalism and develop good values contributing to building strong national character.

Unit 1-Foreign Policy:

- a) Meaning.
- b) Origen.
- c) Expansion.

Unit 2-Determinants & Salient Features of Foreign Policy

- a) **Determinants:** Geographical, Historical, Cultural and Social, Ideological & Economic development
- b) **Salient Features:** Anti-Colonialism and Anti-Imperialism, Peaceful co-existence/ Panchasheel & Non-alignment

Unity 3-Continuity and Change in India's Foreign Policy

- a) Pandit Jawaharlal Nehru
- b) Lal Bahadur Shastri
- c) Indira Gandhi

Unit 4-Changing Nature of Foreign policy (After 1990)

- a) Gujral Doctrine.
- b) P-5 concept of Atal Bihari Vajpayi
- c) Dr. Manmohan Sing.
- d) Narendra Modi

References:

- 1) "Annual Report", Ministry of External Affairs, New Delhi 2016-17.
- 2) J. N. Dixit, Makers of India's Foreign Policy, (New Delhi: HarperCollins, 2004)
- 3) Dahiya Romel & Behuria Ashok, India's Neighbourhood, (New Delhi: IDSA, Pentagon, 2012)
- 4) Patil K.N. India-Bangladesh Strategic Relation, (New Delhi: Aakurti Prakashan, 2016)
- 5) Sharma R.R. (ed.) India and Emerging Asia, (New Delhi: Sage, 2005)
- 6) Pavithran K. S, Foreign Policy & Maritime Security of India, (New Delhi: New Century Publication, 2013)
- 7) Chellaney Brahma, (ed.) Securing India's future in the New Millennium, (New Delhi: Orient Longman, 1999).
- 8) Malhotra S. K. International Relations, New Delhi: Black Prints, 2013)
- 9) Gil P.K and Sehgal Sheveta Sehgal, Dynamics of International Relations, (New Delhi: Atlantic Publication, 2012)
- 10) Wagh L. P, India-Myanmar Relation, Kanpur: Atul Prakashan, 2017)
- 11) Stephen. P. Cohen, India: Emerging Power, (New Delhi: OUP, 2001).
- 12) Muchkund Dubey, India's Foreign Policy: Coping With The Changing World, (New Delhi: Pearson Publishers, 2012)
- 13) Sumit Ganguly, India's Foreign Policy: Retrospect and Prospect, (New Delhi: Oxford University Press, 2011)

- 14) I. K. Gujral, Continuity and Change - India's Foreign Policy, (New Delhi: Mac Millan Indian Limited, 2002).
- 15) C. Raja Mohan, Crossing The Rubicon: The Shaping of India's New Foreign Policy, (New Delhi: Palgrave MacMillan, 2004).
- 16) Rajiv Sikri, Challenge and Strategy: Rethinking India's Foreign Policy, (New Delhi: Sage India, 2013)
- 17) Dr. Laxman Popatrao Wagh, India-Myanmar Relation, (Kanpur: Atul Prakashan, 2017)
- 18) Chaudhari A.P. Mrs. Archana India's National Security, (Prashant Publication.)
- 19) Dr. Bal Kamble, The Foreign Policy of India an Overview (Nanded: Anuradha Publication, 2017)

Course outcomes: On completion of this course, the student will be able to:

CO No.	Course Outcomes	Cognitive level
402. 1	Analyse strengths and weaknesses of different approaches to foreign policy analysis	4
402. 2	Discuss the contexts, pressures, and constraints with which foreign policymakers have to deal	2
402. 3	Contrast and compare the strength of theoretical approaches used in foreign policy analysis.	3
402. 4	Conduct research, think critically and develop academic writing styles to suit different purposes	4

DEF 403- Research Project Work

Course Objective:

1. Define and understand the nature of research work.
 2. Identify situations where it is suited; and know the research areas which can be answered by survey, case study & another research
 3. To understand and develop to write a research report.
- ❖ 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.
 - ❖ 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 discipline subject

❖ Project Work Report ❖ VIVA VOCE	60HR
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Course outcomes: On completion of this course, the student will be able to:

CO No.	Course Outcomes	Cognitive level
403. 1	To upgrade their skills in a specific area of any research project work.	5
403. 2	To expose the students with the real working environment of a Defence & Strategic Studies	5
403. 3	To train them in preparing the state-of-the art report on the research	5
403. 4	To gain ability to conduct a survey and project writing	5

403. 5	To develop skills to write a research report.	5
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**M.A. Part II Semester III (Defence & Strategic Studies): Elective Course
(Select only one)**

DEF 404 (A)-Terrorism and India

Course Objective: (60Hrs.)

- 1 To acquaint the students with concepts of terrorism and counter terrorism, root cause behind terrorism, overview of terrorist's organizational network, role of intelligence and security agencies in countering terrorism.

Unit 1- Introduction

- e) Meaning & Concept
- f) Aims & Objectives
- g) Significance & Relevance

Unit 2- Causes of Terrorism

- a) Political,
- b) Social backwardness,
- c) Economical,
- d) Fundamentalism.

Unit 3- India and Terrorism

- a) Fundamentalism & their attempts

Unit 4- India's Counter-Terrorism policy

Reference:

- 1) Anand V.K., Terrorism & Security, Deep & Deep, Delhi, 1984.
- 2) Bhatnagar Ved, Challenges to India's Integrity, Rawat Publication, Delhi, 1998
- 3) Kartha Tara, Tools of Terrorism, Knowledge World, Delhi, 1999.
- 4) Kumar Gopa, International Terrorism and Global Order in the 21st Century, Kanishka Publishers, Delhi, 2003.
- 5) Eben Kaplan and JayshreeBajoria, Counterterrorism in India, <https://www.cfr.org/background/counterterrorism-india>

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
404. A. 1	Understand the semantic and historical development of the word "terrorism".	2
404. A. 2	Identify and discuss some of the reasons for, and implications of, the absence of a universally-accepted definition of terrorism at the global level.	2

DEF 404 (B) - Maritime Security of India

Course Objective: (60Hrs.)

Maritime security is one of the longest standing distinctive areas of international law dealing with international security issues due to the historic importance of the law on piracy.

Unit 1-India's Maritime Security Infrastructure

- a) Dimension of Maritime Security
- b) The Concept of See Power
- c) Indian Maritime Doctrine

Unit 2-Geopolitical Importance of the Indian Ocean

- a) The Strategic Location

- b) Mineral Resources
- c) Geographical Setting of Indian Ocean
- d) Economics & Trades

Unit 3- Maritime Security Issue or Challenges to India

- a) Piracy
- b) Small Arms Proliferation
- c) Drug Trafficking
- d) Terrorism

Unit 4-Bilateral & Multilateral Cooperation for Security in the Indian Ocean

- a) Security of Indian's Exclusive Economic Zone (EEZ)
- b) Foreign Bases in Indian Ocean
- c) Big Powers Rivalry in the Indian Ocean

References:

- 1) R.C. Sharma, PC Sinha, "India's Ocean Policy" (New Delhi: Kannan Publication, 1994)
- 2) Joachim Krause, Sebastian Bruns, (edited.) "Routledge Handbook of Naval Strategy and Security" (London: Routledge, 2016)
- 3) Dennis Rumley and Sanjay Chaturvedi, (edited.), "Geopolitical Orientations, Regionalism and Security in the Indian Ocean.", (London: Routledge, 2015)
- 4) Robert D. Kaplan, "Monsoon: The Indian Ocean and the Future of American Power", (New York: Random House, 2011)

Program Outcomes (PO) for M.A. Program:

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
404 (B). 1	Explain, critically analyse, reflect upon and synthesise complex information, problems, concepts and theories as they apply in the context of maritime security;	3

M.A. Part II Semester IV (Defence & Strategic Studies): Audit Courses

AC-401(A): Human Rights (Professional and Social + Value Added Audit course; Practical; 2 Credits) (Optional: Campus-level)		
	Course Objectives (COs): • To make students aware about human rights and human values.	
Unit 1	Introduction to Human Rights 1.1 Concept of Human Rights 1.2 Nature and Scope of Human Rights 1.3 Fundamental Rights and Fundamental Duties 1.4 Interrelation of Rights and Duties	6 hrs.
Unit 2	Human Rights in India 2.1 Meaning and Significance of : 1) Right to Equality 2) Right to Freedom, 3) Right against Exploitation, 4) Right to Freedom of Religion, 5) Cultural and Educational Rights, and 6) Right to Constitutional Remedies. 2.2 Constitutional Provisions for Human Rights 2.3 Declaration of Human Rights 2.4: National Human Rights Commission	8 hrs.
Unit 3	Human Values 3.1: Meaning and Definitions of Values 3.2: Importance of values in the life of Individual	8 hrs.

	3.3: Types of Values 3.4: Programmes for conservation of Values	
Unit 4	Status of Social and Economically Disadvantaged people and their rights 4.1: Rights of women and children in the context of Social status 4.2: The Minorities and Human Rights 4.3: Status of SC/ST and other Indigenous People in the Indian Scenario 4.4: Human rights of economically disadvantaged Society	8 hrs.
Suggested readings:		
1. Human rights education – YCMOU, Nasik 2. Value education – SCERT, Pune 3. Human rights reference handbook – Lucille whare		

Course Outcomes (COs):

On completion of this course, the student will be able to:

CO No.	CO	Cognitive level
AC401A.1	Practice the learned issues under human rights and human values in real life.	3
AC401A.2	Provide social justices to people around them and provide guidance about human rights to their friends, parents and relatives.	5

AC-401(B): Current Affairs (Professional and Social + Value Added Audit course; Practical; 2 Credits) (Optional: Campus-level)			
Course Objectives (COs):			
<ul style="list-style-type: none"> To make students updated about current affairs of India and world. 			
	Title	Content	Hours
Unit 1	Politics & Economy	<ul style="list-style-type: none"> National & International Political Activity, Organization. Economy & Business, Corporate world 	08
Unit 2	Awards and recognitions	<ul style="list-style-type: none"> National & International Awards and recognitions Books and authors 	07
Unit 3	Science & Technology	<ul style="list-style-type: none"> Software, Automobile, Space Research New inventions and discoveries 	07
Unit 4	Environment & Sports	<ul style="list-style-type: none"> Summit & conference, Ecology & Climate, Organization. National & International Games, Olympics, commonwealth etc. 	08
Suggested readings (Use recent years' data and current literature):			
1. India 2019, by Publications Division Government of India 2. Manorama Year Book by Philip Mathew, 3. India 2019, Rajiv Maharshi 4. Quick General Knowledge 2018 with Current Affairs Update, Disha Experts 5. General Knowledge 2018: Latest Who's Who & Current Affairs by RPH Editorial Board.			

Course Outcomes (COs):

On completion of this course, the student will be able to:

CO No.	CO	Cognitive level
AC401B.1	Identify important issues currently/ recently happening in India or world.	5
AC401B.2	Summarize current affairs regularly.	6

AC- 401-(C) India's Land-Border

Course Objective:

1 To inform the students about the India's land border and their security atmosphere

Unit 1- India-China Border (Hrs. 08)

Unit 2- India-Pakistan Border (Hrs. 08)

Unit 3- India-Bangladesh Border (Hrs. 07)

Unit 4- India-Myanmar Border (Hrs. 07)

Reference:

- 1) Gautam Das, Securing India's Borders: Challenges and Policy options, (New Delhi: Pentagon press, 2012)
- 2) Ibrahim Sajad KM, South Asia (Delhi: New century Publication, 2013)
- 3) Gautam Das, Insurgencies in North East India , (New Delhi: Pentagon press, 2013)
- 4) Calvocoressi Peter, World Politics 1945 -2000 (Delhi, Dorling Kindersley publishing, 2006)
- 5) Sali M. L., India-China Relation, (New Delhi: APH publishing corporation, 2009)
- 6) Wagh L. P., India-Myanmar Relation, (Kanpur: Atul Prakashan,2017)
- 7) BaduriyaDhahiya India's Neighbourhood (New delhi: IDSA, 2012)

Course outcomes: On completion of this course, the student will be able to:

PO No.	Course Outcomes	Cognitive level
AC-401. C. 1	Have basic awareness of India's land border issue and dispute	2
AC-401. C. 2	Develop as a good knowledge of India and neighbourhoods land border.	4

AC- 401-(D) Regional Security Issues

Course Objective:

- 1 The paper offers various approaches to world's regional security issue.
- 2 Develop regional security approach or interference of world power state.

Unit 1- Jammu and Kashmir Dispute (Hrs. 08)

Unit 2- Israel- Palestine Issue (Hrs. 08)

Unit 3- Xinjiang Issue in China (Hrs. 07)

Unit 4- Hong Cong Political Crisis (Hrs. 07)

Reference:

1. Ziring, Lawrence, Pakistan-at the crosscurrent of History (Manas Publication, New Delhi,2005).
2. Schofield, Victoria, Kashmir in Conflict: India, Pakistan andthe Unending War (Viva Books, New Delhi,2005).
3. Ibrahim Sajad KM, South Asia (Delhi: New century Publication, 2013)
4. W.Edward, The Question of Palestine ,(Ventage Publication,1992)
5. China's Forgotten People: Xinjiang, Terror and the Chinese State, (I.B.Tauries& Co.Ltd,2015)

Program Outcomes (PO) for M.A. Program:

Course outcomes: On completion of this course, the student will be able to:

PO No.	Program Outcomes	Cognitive level
AC-401. D. 1	Identify and analyse the sources of international and regional political conflict	2
AC- 401. D. 2	Analyse the regional issues and create own opinion with remark capability	2

Equivalence Paper

M.A First Year

Semester I

Sr. No	Paper Code Number	Old Course	Sr. No.	Paper Code Number	New Course
1)	DEF 101	International Relation: Theories & Concept	1)	DEF 101	Indian Military History
2)	DEF 102	Study of National Security in India	2)	DEF 102	National Security of India
3)	DEF 103	Theory and Practice of War	3)	DEF 103	Defence Production in India
4)	DEF 104	Geopolitics & Military Geography (Skill Based)	4)	DEF 104	International Relation (Skill Based)

Semester II

1)	DEF 201	United Nation: Peace & Security	1)	DEF 201	Geopolitics and Military Geography
	DEF 202	Research Methodology	2)	DEF 202	Defence Economics
	DEF 203	Major International Conflict After World War- II	3)	DEF 203	Major International Conflict After World War-II
	DEF 204	Internal Security Scenario of India (Skill Based)	4)	DEF 204	Internal Security Scenario of India (Skill Based)

Equivalence Paper

M.A Second Year

Semester III

1)	DEF 301	Foreign Policy of India	1)	DEF 301	Strategic Thinkers
2)	DEF 302	Regional Security in South Asia	2)	DEF 302	Research Methodology
3)	DEF 303	West Asia in World Affairs	3)	DEF 303	Drug: Threats to Health, Society and Security
4)	DEF 304 (A) or DEF 304 (B)	<i>(Elective course)</i> Analysis of India's Defence Economics Or International Organization	4)	DEF 304 (A) or DEF 304 (B)	Science, Technology and National Security <hr/> International Organizations

Semester IV					
1)	DEF 401	India's Defence Mechanism	1)	DEF 401	Cyber Security
2)	DEF 402	Maritime Security of India	2)	DEF 402	Foreign Policy of India
3)	DEF 403	Pakistan in World Affairs	3)	DEF 403	Research Project Work
4)	DEF 404 (A) Or DEF 404 (B)	<i>(Elective course)</i> Terrorism and India Or Evolution of Warfare	4)	DEF 404 (A) Or DEF 404 (B)	Terrorism and India
					Maritime Security of India

Job Opportunities in Defence & Strategic Studies

- 1) Industrial Security Sector
- 2) Air Force Ground Duty Officer
- 3) Maharashtra Public Service Commission
- 4) Union Public service Commission
- 5) Army Officer (Army Education Core)
- 6) Defence industries
- 7) Para Military Forces
- 8) N.C.C. (B Cert. & C Cert.) Direct Entry for SSB Interview (assumption for CDS exam)
- 9) Education Field
- 10) Industrial Security Officer
- 11) Armed Forces (TA)
- 12) NET/ SET Examination
- 13) Defence Journalism
- 14) International Relations Analyser
- 15) Defence Analyser(IDSA & Other Institute)

Syllabus Committee

Dr. Anil N. Chikate (Chairman, B.O.S.)

Dr. Tushar G. Raysing
(Co-ordinator)

Prof. Dr. K. B. Patil
(Member)

<p>Assistant Professor, Department of Defence & Strategic Studies, School of Arts and Humanities, KBCNMU, Jalgaon</p>	<p>Head, Department of Defence & Strategic Studies H. R. Patel Mahila College, Shirpur. Dist. Dhule.</p>
<p>Prof. Dr. D. G. Vispute (Member) Principal V. W. S. Arts, Commerce & Science College, Dhule</p>	<p>Prof. Dr. Kavita. D. Dharmadhikari (Member) Head, Department of Defence & Strategic Studies, S. P. D. M. College, Shirpur. Dist. Dhule.</p>
<p>Dr. L. P. Wagh (Member) Head, Department of Defence & Strategic Studies M. J. College, Jalgaon</p>	<p>Dr. Subhan T. Jadhav (Member) Assistant Professor, Department of Defence & Strategic Studies, School of Arts and Humanities, KBCNMU, Jalgaon.</p>
<p>Mr. Sachin A. Chavan (Member) Alumnus, Department of Defence & Strategic Studies, School of Arts and Humanities, KBCNMU, Jalgaon.</p>	