



जम्मू केंद्रीय विश्वविद्यालय

Central University of Jammu

राहा-सुचानी (बागला), बिहार राहा-181143, जम्मू (जम्मू और कश्मीर)
Rahya-Suchani (Bagla), District Samba - 181143, Jammu (J&K)

No. CUJ/Acad/II-14/2022/CO6

16th October, 2022

NOTIFICATION No.156/2022

Sub: Course Matrix and Syllabus Notification of M.A. in National Security Studies w.e.f. Academic Session 2022-23 - Reg.

It is hereby notified for the information of all concerned, that on the recommendation of the Board of Studies, Department of National Security Studies and School of National Security Studies, the Competent Authority in anticipation of ratification of Academic Council has approved following Course Matrix and Syllabus of M.A. in National Security Studies for Academic Session w.e.f. 2022-23 as detailed below:

Semester - I

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core Courses						
MNSS1C001T	Introduction to Security Studies	4	25	25	50	100
MNSS1C002T	International Relations Theories	4	25	25	50	100
MNSS1C003T	WMD, Disarmament and Arms Control	4	25	25	50	100
Skill Enhancement / Value Addition Course						
MNSS1C004T	Basic Communication Skills Development and ICT	2	12.5	12.5	25	50
Open Elective Courses						
#	Open Elective Course - I	4	25	25	50	100
#	Open Elective Course - II	4	25	25	50	100
		Total	22	-	-	550

List of Open Elective Courses offered by Department of NSS

Sr. No.	Course Code	Course Name	Nature of Open Elective	Credit	CIA	MSE	ESE	Max. Marks
1.	MNSS1O001T	India's Internal Security: Issues and Challenges	OEC	4	25	25	50	100
2.	MNSS1O002T	India's Foreign Policy	OEC	4	25	25	50	100
3.	MNSS1O003T	Contemporary International Conflicts	OEC	4	25	25	50	100

Semester - II

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core Courses						
MNSS1C005T	Evolution of Strategic Thoughts	4	25	25	50	100
MNSS1C006T	Border Security Management	4	25	25	50	100
MNSS1C007T	India's Maritime Security in Indo-Pacific	4	25	25	50	100
Skill Enhancement / Value Addition Course						
MNSS1C008T	Soft Skills & Personality Development	2	12.5	12.5	25	50
Open Elective Courses						
#	Open Elective Course - III	4	25	25	50	100
#	Open Elective Course - IV	4	25	25	50	100
		Total	22	-	-	550

List of Open Elective Courses offered by Department of NSS

Sr. No.	Course Code	Course Name	Nature of Open Elective	Credit	CIA	MSE	ESE	Max. Marks
1.	MNSS1O004T	Defence Economics and Development	OEC	4	25	25	50	100
2.	MNSS1O005T	Science, Technology and Security	OEC	4	25	25	50	100
3.	MNSS1O006T	Introduction to Peace and Conflict Studies	OEC	4	25	25	50	100

Semester - III

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core Courses						
MNSS2C001T	Geopolitics and Regional Security	4	25	25	50	100
MNSS2C002T	Hybrid Warfare	4	25	25	50	100
MNSS2C003T	India's Neighbourhood Policy	4	25	25	50	100
MNSS2C004T	Digital Forensics & Cyber Security	2	12.5	12.5	25	50
Skill Enhancement / Value Addition Course						
#	Open Elective Course - I	4	25	25	50	100
#	Open Elective Course - II	4	25	25	50	100
Audit Courses						
#	MOOCs available on the SWAYAM / NPTEL / Edx / Coursera Platforms	-	-	-	-	-
		Total	22	-	-	550

List of Open Elective Courses offered by Department of NSS

Sr. No.	Course Code	Course Name	Nature of Open Elective	Credit	CIA	MSE	ESE	Max. Marks
1.	MNSS2C001T	Indian Military History	OEC	4	25	25	50	100
2.	MNSS2C002T	Energy and Environmental Security	OEC	4	25	25	50	100
3.	MNSS2C003T	Space Security & Technology	OEC	4	25	25	50	100

Semester - IV

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core Courses						
MNSS2C001D	Dissertation/Internship/Project	12	-	-	-	300
Skill Enhancement / Value Addition Course						
MNSS2C005T	Introduction to Intelligence Studies	2	12.5	12.5	25	50
Open Elective Courses						
#	Open Elective Course - III	4	-	-	100	100
#	Open Elective Course - IV	4	-	-	100	100
		Total	22	-	-	550

List of Open Elective Courses offered by Department of NSS

Sr. No.	Course Code	Course Name	Nature of Open Elective	Credit	CIA	MSE	ESE	Max. Marks
1.	MNSS2C004T	Disaster Management in India	OEC	4	-	-	100	100
2.	#	MOOCs available on the SWAYAM / Online Platforms	OEC	4	-	-	100	100

as provided by concerned department / SWAYAM Portal
MOOC Courses to be opted as per availability on Swayam / NPTEL / Edx / COURSERA PLATFORMS


(Dr. Yashwant Singh)
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Encl:

Syllabus of M.A. in National Security Studies

To:

Head, Department of NSS

Copy to:

Controller of Examinations

Learning Outcomes Based Curriculum Framework (LOCF)

As Envisioned in NEP 2020

Post Graduate (PG)

Name of the Programme:

**M.A., in National Security Studies
Course Syllabus-2022-23, 2023-24**



**Department of National Security Studies
School of National Security Studies
Central University of Jammu**

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PREAMBLE

About the Department/discipline in brief

The Department of National Security Studies is mandated to promote teaching and research in the field of security and international studies. As India is poised to play a more proactive role in the international arena in order to sustain its economic growth and social development, it has to be prepared to confront multiple security challenges emanating from different levels. The department is committed to prepare the new generation of scholars, experts and leaders on security and international studies. Located in the Union Territory of Jammu & Kashmir (J & K), which is considered as a security and strategic hot spot of South Asia, it has inherent potential to promote academic research as well as policy analysis on issues related to national, regional and international security. It would provide a platform for all the stakeholders to engage in constructive dialogue, and debate on issues related to national security and strategy. Apart from assigned curricula, students and scholars of the department are introduced to policy analysis using innovative teaching and research skills along with field visits. Four major thrust areas have been identified for research focus namely China and Pakistan, Border Security Management, Trans-boundary Water Security and Conflict Management, Maritime Security, Non-Traditional Security Issues including Environmental and Energy Security.

Vision and Mission of the Department

Vision

The Department aspires to emerge as a Centre of Excellence in the field of national security and regional & international studies in the country by promoting rigorous research analysis.

Mission

It intends to generate alternative and innovative national security discourse through interdisciplinary approach and by providing platforms to various stakeholders (policymakers, armed forces, media, and civil society), it aims to intellectually engage them on issues concerning India's security and foreign policy.

Graduate Attributes (GAs)

The attributes in a graduate of National Security Studies are expected to exhibit the following:

- **Disciplinary knowledge and skills:** Capable of demonstrating (i) comprehensive knowledge and understanding of major concepts, theoretical principles and contemporary strategic environment in Defence & Strategic Studies and its different subfields.
- **Skilled communicator and Critical thinker:** Ability to transmit complex information and ability to employ critical thinking relating to national security issues in a clear and concise manner in writing and oral skills.

M. A. 10/8/22 *D. S. 10/8/22* *10/8/22* *Shandy*

- **Sense of inquiry:** Capability for asking relevant/appropriate questions relating to issues and problems in the field of Defence & Strategic Studies and planning, executing and reporting the results of any issues related to national/international security
- **Team player/Leader:** Capable of working effectively in diverse teams in both classroom, in society and real life situations.
- **Skilled project manager:** Capable of identifying/mobilizing appropriate resources required for a project, and manage a project through to completion, while observing responsible and ethical conduct.
- **Digitally literate:** Capable of using computers to understand strategies and tactics in conflicts.
- **Ethical awareness/reasoning:** Capable of embracing and demonstrating the ability to demonstrate moral/ ethical values in one's work and avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciate environmental and sustainability issues.
- **Lifelong learners:** Capable of self-paced and self-directed learning aimed at personal development and for improving knowledge/skill development and current affairs.

Qualification Descriptions

The qualification descriptors for a Master's Degree programme in National Security Studies shall include the following:

- Understanding national and international strategic and security issues, analyses and evaluation using methodologies as appropriate to the subject(s) for drawing interpretations and conclusions.
- Communicate results of studies undertaken in security affairs in a range of different contexts using the concepts, constructs and techniques as applicable.
- Able to draw on a range of current research and development work and professional materials.

Program Learning Outcomes (PLO)

PLO:1-	Capacity building for next-generation in critical analyses of strategic issues and generating a pool of national security specialists.
PLO:2-	Analytical skills to understand and explain subject.
PLO:3-	Critical Thinking-Students will be able to critically assess various concepts and diverse issues, as well as their contemporary relevance.
PLO:4-	Policy Research aptitude- fostering a thriving research culture to promote policy research on current security issues and challenges.
PLO:5-	Impart indigenous strategic thinking culture- Encourage problem-solving techniques and creative strategic thinking culture among students and scholars based on indigenous Indian knowledge system.





 Dr. S. S. Shandilya
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TEMPLATE FOR IMPLEMENTATION OF NATIONAL EDUCATIONAL POLICY
ACADEMIC SESSION, 2022-23, 2023-24

Department of National Security Studies School of National Security Studies Central University of Jammu							
Semester	Programme	Core (C)	Open Elective (OE)	Skill Enhancement / Value Additions Courses In alternate semesters (SFJ)/(VA)	Audit Course/ Qualifying Courses (QC)	Total Credits	
I	MA (National Security Studies)	12 Credits	8 Credits (any two)	2 Credits	0 Credits	22	
		Introduction to Security Studies	India Internal Security: Issues and Challenges	Basic Communication Skills Development and ICT			
		International Relation Theories	India's Foreign Policy				
		WMD, Disarmament and Arms Control	Contemporary International Conflicts				
II	MA (National Security Studies)	12 Credits	8 Credits (any two)	2 Credits	0 Credits	22	
		Evolution of Strategic Thoughts	Defence Economics and Development	Soft Skills & Personality Development			
		Border Security Management	Science, Technology and Security				
		India's Maritime Security in Indo-Pacific	Introduction to Peace and Conflict Studies				
Award of Post Graduate Diploma (After 1 year)/Degree**						44	
III	MA (National Security Studies)	12 Credits (Project/Dissertation /Internship)/ Core Course	8 Credits (any two)	2 Credits	0 Credits	22	
		Geopolitics and Regional Security	Indian Military History	Digital Forensics & Cyber Security	MOOCs available on the SWAYAM/online Platforms		
		Hybrid Warfare	Energy and Environmental Security				
		India's Neighbourhood Policy	Space Security & Technology				
IV	MA (National Security Studies)	12 Credits (Project/Dissertation /Internship)/	08 Credits	2 Credits	0 Credits	22	
		Dissertation/ Summer Internship/ Project Report	Disaster Management in India	Introduction to Intelligence Studies			
Award of Post Graduate Degree (After 2 year)*							
Total (I+II+III+IV)						88	

*Candidate seeking admission after 3 Year Degree may join 2 Year PG Programme spanning over 04 semesters

** Candidate seeking admission after 4 Year Degree by Research Programme may join 1 Year PG Programme spanning over two semesters

***Credit Transfer Upto 40% Allowed/As Per University Policy/Availability on SWAYAM Platform

**** Dissertation/Internship open to students having completed minimum of Core Courses in relevant discipline

Note: Credit Weightage for Core/Open Elective Courses per semester is fixed however Department may float number of courses carrying different credit weightage within the prescribed number of credits

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ANNEXURE-III
Programme Evaluation Matrix
Academic Session, 2022-23, 2023-24

Semester - I

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core courses						
	Introduction to Security Studies	04	25	25	50	100
	International Relation Theories	04	25	25	50	100
	WMD, Disarmament and Arms Control	04	25	25	50	100
Open Elective Courses (any two)						
	India Internal Security: Issues and Challenges	04	25	25	50	100
	India's Foreign Policy	04	25	25	50	100
	Contemporary International Conflicts	04	25	25	50	100
Skill Enhancement / Value Additions Courses						
	Basic Communication Skills Development and ICT	02	12.5	12.5	25	50
Total		22	-	-	-	550

Semester - II

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core courses						
	Evolution of Strategic Thoughts	04	25	25	50	100
	Border Security Management	04	25	25	50	100
	India's Maritime Security in Indo-Pacific	04	25	25	50	100
Open Elective Courses (any two)						
	Defence Economics and Development	04	25	25	50	100
	Science, Technology and Security	04	25	25	50	100
	Introduction to Peace and Conflict Studies	04	25	25	50	100
Skill Enhancement / Value Additions Courses						
	Soft Skills & Personality Development	02	12.5	12.5	25	50
Total		22	-	-	-	550

Semester - III

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core courses						
	Geopolitics and Regional Security	04	25	25	50	100
	Hybrid Warfare	04	25	25	50	100
	India's Neighbourhood Policy	04	25	25	50	100
Open Elective Courses (any two)						
	Indian Military History	04	25	25	50	100
	Energy and Environmental Security	04	25	25	50	100
	Space Security & Technology	04	25	25	50	100
Skill Enhancement / Value Additions Courses						
	Digital Forensics & Cyber Security	02	12.5	12.5	25	50
Audit Courses						
	MOOCs available on the SWAYAM / NPTEL / Edx / Coursera Platforms	-	-	-	-	-
Total		22	-	-	-	550

****MOOCs COURSE TO BE OPTED AS PER AVAILABILITY ON SWAYAM / NPTEL / Edx / COURSERA PLATFORMS**

Semester - IV

Course Code	Course Title	Credit	CIA	MSE	ESE	Max. Marks
Core courses						
	Dissertation/Internship/Project	12	-	-	-	300
Open Elective Courses						
	Disaster Management in India	04			100	100
	MOOCs available on the SWAYAM / Online Platforms	04			100	100
Skill Enhancement / Value Additions Courses						
	Introduction to Intelligence Studies	02	12.5	12.5	25	50
Total		20	-	-	-	550

****MOOCs COURSE TO BE OPTED AS PER AVAILABILITY ON SWAYAM / NPTEL / Edx / COURSERA PLATFORMS**

****CREDIT TRANSFER UPTO 40% ALLOWED/AS PER UNIVERSITY POLICY**

NOTE: Learners have an option to exit after one year with Post Graduate Diploma in National Security Studies.

CIA - Continuous Internal Assessment

MSE - Mid Semester Examination

ESE - End Semester Examination

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Detailed Course Contents

SEMESTER I

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CORE COURSES

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No:

Course Title: Introduction to Security Studies

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04 (L-03, T-01, P-0)
Maximum Marks: 100

Course Objective(s):

- To introduce the students to the evolution of security studies
- To develop understanding on the major themes of the subject
- To enable students to understand the concept of security, emergence of security studies and the various schools of thought, and an introduction to non traditional security threats

Course Learning Outcomes (CLOs): On Completion of the course, students are able to:-

CLO:1- Enable students to understand and explain basic concepts of security studies
CLO:2- The historical evolution of security studies as a discipline and subject provides a holistic understanding about the domain knowledge
CLO:3- The Theoretical aspects of security studies would help the learners to explain particular security issue, phenomena or problems in a more lucid manner
CLO:4- Case studies would allow students to enrich their critical analytical skills.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks
I	4	4	0	8	25 Marks	25 Marks	50 Marks	100 Marks	
II	10	4	0	14					
III	12	4	0	16					
IV	10	4	0	14					
V	4	4	0	8					
	40	16	0	60	25 Marks	25 Marks	50 Marks	100 Marks	

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Course Contents	
Unit I:	Concepts of Security <ul style="list-style-type: none"> • Introduction to concepts of security • Definition of security, power, hegemony • External and Internal dimensions of security
Unit II:	Evolution of Security Studies <ul style="list-style-type: none"> • Traditional security studies and changing notions of security • Non-Traditional Security studies and changing levels of analysis <p>Critical security studies, security and emancipation (Welsh School)</p>
Unit III:	Basic Theories of Security Studies <ul style="list-style-type: none"> • Regional Security Complex Theory • Theory of securitization and offense-defense theory • Strategic culture approach and the idea of 'Security Community'
Unit IV:	Developing World Security Predicaments <ul style="list-style-type: none"> • Definitions – 'Third World' 'Security', State making and Interstate conflict • Developing World, bi polarity and Cold War, post Cold War • National Security and Regional Conflicts –From Third World Perspectives
Unit V:	Case Study <ul style="list-style-type: none"> • Cold War Security Crisis-Cuban Missile Crisis • Post-Cold War Humanitarian Intervention-Just War • War on Terror-A Critical Analysis

Teaching - learning process

- Lectures supported by tutorial work;
- The use of prescribed textbooks and e-learning resources and other self-study materials are made available in MOODLE platform;
- Open-ended term-paper work, some of which may be team-based;
- Activities designed to promote the development of generic/transferable and subject-specific skills such as creative thinking, analytical writings

Assessment methods:

Progress towards achievement of learning outcomes may be assessed using the following:
- (CIA) including Unit wise discussions/seminars or tests

- Continuous Internal Assessment (CIA) including Unit wise discussions/seminars;
- Mandatory Term-paper/assignments;
- Book review and oral presentation and written submission of the review;
- Seminar oral presentation using PPT
- Time constrained closed-book examinations –Mid-semester and End-semester.

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P. J. 10/18/22
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Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.

Reference/Suggested Readings

1. Barkawi, Tarak, and Mark Laffey. "The Postcolonial Moment in Security Studies." *Review of International Studies* 32.02 (2006): 329-352.
2. Barry Buzan and Lene Hansen, "Widening and Deepening Security" in the Evolution of International Security Studies, Cambridge University Press, 2009.
3. Brian Smith, "Understanding Third World Politics: Theories of Political Change and Development" Palgrave Macmillan, 2013
4. Columba Peoples, Nick Vaughan-Williams, "Critical Security Studies: An Introduction", Routledge, 2014.
5. David Baldwin, 'The Concept of Security', *Review of International Studies*, 23, 1997, pp. 5-26.
6. Haftendorn, Helga, "The Security Puzzle: Theory-Building and Discipline-Building in International Security", *International Studies Quarterly*, Vol. 35, No.1(1991), PP.3-17.
7. Laura J. Shepherd, "Critical Approaches to Security: An Introduction to theories and Methods", Routledge, 2013.
8. Peter Hough, Shahin Malik, Andrew Moran, Bruce Pilbeam, "International Security Studies: Theory and Practice", Routledge, 2015.
9. Shannon Brincat, Laura Lima, "Critical Theory in International relations and Security Studies: Interviews and Reflections", Routledge, 2012.
10. Caballero-Anthony, M. "An Introduction to Non-Traditional Security Studies". SAGE, 2015.

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M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.:

Course Title: International Relation Theories

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

Course Objective(s):

The course shall introduce the students to the study of international relations. It intends to develop understanding on the major themes of the subject. It will also enable students to analyse the range of issue, themes and approaches in contemporary international relations.

Course Learning Outcomes (CLOs):

CLO:1- It facilitates the students to learn the mainstream theories and approaches and also acquire competency in different approaches of international relations.

CLO:2- The paper enables the students on military and state centric aspects of international relations.

CLO:3- The learners will become aware on the role of hard and soft power in international relations and its outcome on interstate affairs.

CLO:4- They will get an opportunity to acquire knowledge on economic and security characteristics of international organisations in international environment.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA Marks	MSE Marks	ESE Marks	Total Marks
I	9	3	0	12	25	25	50	100	
II	10	2	0	12					Marks
III	8	4	0	12					
IV	6	6	0	12					
V	8	4	0	12					
	40	20	00	60	25	25	50	100	Marks

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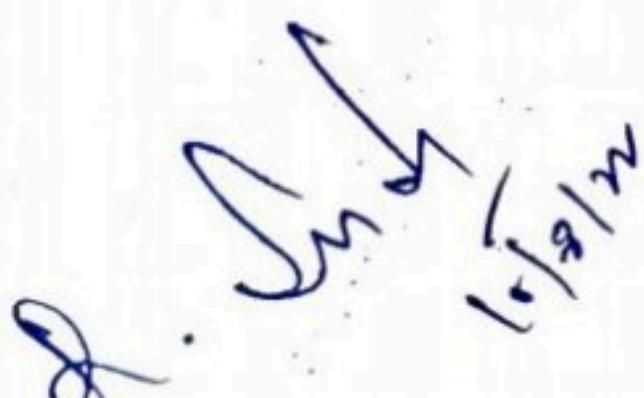
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Course Contents	
Unit I:	Basic Tenets of International Relations
	<ul style="list-style-type: none"> • Definition of State, System, Society, Nation State System • Basic concepts of International Relations – Balance of Power, Identity and Interests • History of international relations – World War I, II, Cold War & Post-Cold War
Unit II:	Theories of International Relations
	<ul style="list-style-type: none"> • Morgenthau's Realist Theory • System Theory • Decision Making Theory • Game Theory
Unit III:	Foreign & Security Policy Decision-making Process
	<ul style="list-style-type: none"> • National threat perception and misperception – the role of media and social media • Decision-making process – political class, bureaucracy • Impact of domestic politics on foreign policy
Unit IV:	Power, Identity and Interests in International Relations
	<ul style="list-style-type: none"> • Power in International Relations – hard power/soft power • The relations of security to identity • Defining national interest and its relation to security
Unit V:	The Role of International Organisations in World Politics
	<ul style="list-style-type: none"> • The role and functions of United Nations (UN) • WTO, IMF and World Bank • Inter-governmental Organisations – IAEA

Teaching - learning process

- review and questions & answer based tutorials
- the use of prescribed available textbooks and e-learning resources and other self-study materials;
- individual or team-based open-ended project work;
- interaction with eminent experts from different fields including academia, defence personnels' and researchers


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 Dr. R. K. Shandilya
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 Dr. H. K. Shandilya
 10/8/22

Assessment methods

- time-constrained examinations; closed-book and open-book tests;
- assignments/report writing;
- team project reports;
- oral presentations, including seminar presentation

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Ghosh, Peu (2016), International Relations, PHI Learning, New Delhi
2. Martin Griffiths and Terry O'Callaghan et.al. (ed.) (2012), *International Relations: The Key Concepts*, Routledge: New York
3. Morgenthau, H.J (1948), "Politics Among Nations", New York: Knopf
4. Khanna, V N, Leslie K Kumar (2020), International Relations, Vikas Publishing: New Delhi
5. Jeffry A. Frieden, David A. Lake, Kenneth A. Schultz (2021), *World Politics: Interests, Interactions, Institutions*, W. W. Norton & Company: New York
6. Baiasu, Sorin & Loriaux, Sylvie (2021), *Sincerity in Politics and International Relations*, Routledge: New York
7. Karen A. Mingst & Heather Elko McKibben (2021), *Essentials of International Relations*, W. W. Norton & Company: New York
8. Carvalho, Benjamin de, Lopez, Julia Costa & Liera, Halvard (2021), *Routledge Handbook of International Relations*, Routledge: New York
9. Jon, C. W. Pevehouse & Joshua, S. Goldstein (2017), International Relations, Pearson Education: London, UK
10. Zelikow, Philip (2021), *The Roads Less Travelled: The Secret Battle to End the Great War, 1916-1917*, Public Affairs: New York.

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M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Course Title: WMD, Disarmament and Arms Control
Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04 (L-03, T-01, P-0)
Maximum Marks: 100

Course Objective(s):

The course paper aims to make students understand the evolution of disarmament and the development of terms associated with disarmament and Arms Control. Further, the course teaches students about the collective steps taken to achieve it with particular emphasis on nuclear disarmament. It also assists the students to understand the dynamics of disarmament efforts post World War II. In addition, the subject also elucidates to the students on the potential future of disarmament & Arms Control measures and the challenges concerning the weapons of mass destruction.

Course Learning Outcomes (CLOs):

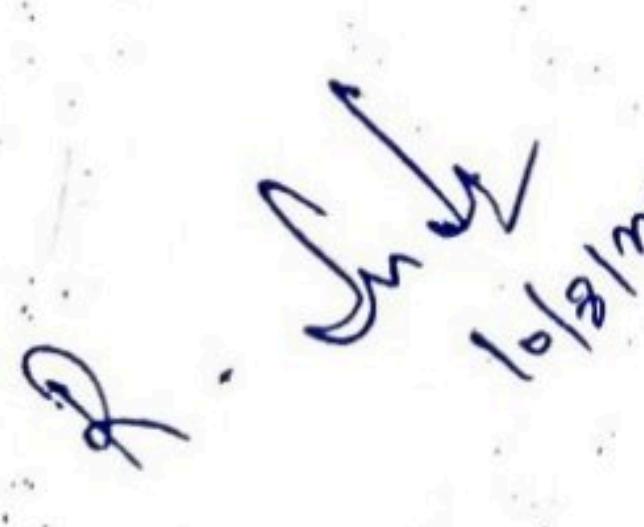
- CLO:1-** Students will learn about the post-World War II scenario that led to the development of the nuclear era.
- CLO:2-** Students will study and comprehend major nuclear warfare theories as well as the dynamics of nuclear proliferation during and after the Cold War.
- CLO:3-** Students will also study the various Arms Control Treaties and how they have fared in the age of nuclear weapons. Additionally they will also be in a position to comprehend and evaluate the future of the international nuclear nonproliferation regimes and disarmament.
- CLO:4-** They will also learn about the global peace efforts and the role of the United Nations in the potential future of Arms Control measures and the challenges concerned.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks
I	06	02	0	08	25 Marks	25 Marks	50 Marks	100 Marks	
II	09	06	0	15					
III	08	04	0	12					
IV	10	05	0	15					
V	07	03	0	10					
Total	40	20	00	60					

Course Contents	
Unit I:	Basic Concepts <ul style="list-style-type: none"> • Definition of Arms Control and Disarmament • Basic Concepts and their Relationship • Nature and Scope of Arms Control and Disarmament
Unit II:	Arms Control Efforts during Cold War Period <ul style="list-style-type: none"> • Strategic Arms Limitation Talks (SALT)- I & II, Biological Weapons Convention (BWC), • Chemical Weapon Convention (CWC), Strategic Arms Reduction Talks (START) • Outer Space Treaty, Partial Test Ban Treaty (PTBT)
Unit III:	Arms Control and Disarmament Efforts Post Cold War Period <ul style="list-style-type: none"> • Existing arms control mechanisms – unilateral, bilateral and multilateral • Treaties on Conventional Weapons and Arms Trade, Small Arms and Light Weapons (SALW), • Role of civil society in building nuclear weapons free world
Unit IV:	Global Nuclear Non-proliferation Regimes <ul style="list-style-type: none"> • Treaty on the Non-proliferation of Nuclear Weapons (NPT) • Comprehensive Test Ban Treaty (CTBT). • Fissile Material Cut-off Treaty (FMCT) & Nuclear Suppliers Group (NSG)
Unit V:	Future of Disarmament <ul style="list-style-type: none"> • Potential future trend of disarmament • Challenges towards disarmament efforts • Exercise/presentation

Teaching - learning process

- lectures supported by group tutorial work;
- the use of prescribed textbooks and e-learning resources and other self-study materials;
- open-ended project work, some of which may be team-based;
- Simulation exercises and conduct of practical assignments by case studies.

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Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- time-constrained examinations; closed-book and open-book tests;
- problem based assignments;
- observation of practical skills; individual project reports (case-study reports);
- oral presentations, including seminar presentation;
- Peer and self- assessment etc. and any other pedagogic approaches as per the context.

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Adam Daniel Rotfeld, "Arms control and Disarmament: A New Conceptual Approach", United Nations Publications, 2000.
2. Charles Webel, Johan Galtung, "Hand Book of Peace and Conflict Studies", Routledge, 2007.
3. Cohen, S.P., "Nuclear Proliferation in South Asia: The Prospects for Arms Control", Lancer, New Delhi, 1994.
4. Cooper, David A (2021), *Arms Control for the Third Nuclear Age*, Georgetown University Press.
5. Manpreet Sethi, "Nuclear Strategy: India's March towards Credible Deterrence", KW Publishers, New Delhi, 2009.
6. Niemeyer, Irmgard, et al (2020), *Nuclear Non-Proliferation and Arms Control Verification*, Springer Nature.
7. Robert E. Williams, Paul R. Viotti, "Arms Control: History, Theory and Policy", ABC-CLIO Publications, 2012.
8. Sipri year book- www.sipri.org, "Armaments, Disarmament and international Security", Stockholm International Peace Research Institute, Oxford University Press, 2007.
9. Steen, Bård Nikolas Vik, and Olav Njølstad (2019) *Nuclear Disarmament*, Routledge.
10. Street, Tim (2021), *The Politics of Nuclear Disarmament*, Routledge.

OPEN ELECTIVE COURSES
(Any Two out of Three Course)

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Contact Hrs/Week: 4 Hrs

Course Title: Internal Security of India: Issues and Challenges. **Credit:** 04 (L-03, T-01, P-0)
Duration of Examination: 3 Hrs **Maximum Marks:** 100

Course Objective(s):

This course will provide students with an overview of India's internal security issues and challenges. The objective is to teach students about the dynamics of terrorism and violence in the region, perpetrated by state or non-state actors. It would also educate the students about India's counter-terrorism and insurgency measures. The course brings out an overview of the State's relationship with civil society and the social security system of India will also be discussed. Further, the various issues related to socio-political aspects like Illegal Migration and Refugee Problems in India will be examined using detailed case studies.

Course Learning Outcomes (CLOs):

CLO:1- The course offers related challenges of internal security with conceptual and definitional clarifications of key concepts related to traditional and non-traditional security.

CLO:2- Students will understand the differences between terrorism and insurgency, as well as the major sources of internal security threats and the dynamics of internal security in India.

CLO:3- Students will have a solid understanding of India's counter-insurgency and counter-terrorism strategies.

CLO:4- Students will have a thorough understanding of the various types of organized crime in India, as well as the effects of migration and communalism.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks
I	06	02	0	08	25 Marks	25 Marks	50 Marks	100 Marks	
II	08	06	0	14					
III	08	04	0	12					
IV	10	06	0	16					
V	08	02	0	10					
Total	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks	

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Course Contents	
Unit I:	Introduction <ul style="list-style-type: none"> • Conceptual Aspects of Internal Security • Traditional aspect of Internal Security • Non Traditional Aspect of Internal Security
Unit II:	Terrorism and Insurgency <ul style="list-style-type: none"> • Definition, Concept, Ideology and Main Causes of Terrorism • Terrorist Movements in India, Counter Terrorism Initiatives (Laws and Institutions) • Insurgency Movements in India- Main Causes-Challenges
Unit III:	Low Intensity Conflict in India <ul style="list-style-type: none"> • Cross Border-State Sponsored Terrorism in J&K, • Insurgency problems in North East-Counter Insurgency Strategy • Rise of Ideological Conflict-Left Wing Extremism/ Naxalism/Maoism
Unit IV:	Transnational Organised Crime: Impact on Internal Security <ul style="list-style-type: none"> • Introduction to Transnational Organized Crimes • Illegal Drug Trafficking, Arms Trade, Human Trafficking, Money Laundering and Cyber Crimes in India • Countering Organised Crime Activities
Unit V:	State, Society and Security (Migration and Communalism) <ul style="list-style-type: none"> • State and Social Security: Acts • Illegal Migration and Refugee Problem and NRC in India • External and Internal Dimensions of Communal Clashes and Community Riots

Teaching - learning process

Teaching methods, guided by such a framework, may include:

- lectures supported by tutorial work;
- Use of prescribed textbooks and e-learning resources and other self-study materials;
- Team-based; activities designed to promote the development of generic subject-specific skills; use of case study methods.

Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- time-constrained examinations; closed-book tests;
- problem based assignments;
- observation of practical skills; individual project reports (case-study reports);
- team project, oral presentations, including seminar presentation;
- Self- assessment etc. and any other pedagogic approaches as per the context.

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings/ Web links

1. Arora, Subhash Chander, (1999) *Strategies to Combat Terrorism*, New Delhi: Har-Anand Publications.
2. Arvind Gupta (2018), *How India Manages its National Security*, Penguin Random House India Private Limited.
3. Baghel, Virendra Singh (2020), *India's Internal Security*, The Readers Paradise.
4. Bhatnagar, V., (1998) *Challenges to India's Integrity: Terrorism, Casteism, And Communalism* Jaipur: Rawat Publications.
5. Karan, Vijaya, (1997) *War by Stealth: Terrorism in India*, New Delhi: Penguin Books.
6. Kumar, Ashok, Vipul Anekant (2019), *Challenges to Internal Security of Indian*, Mc Graw Hill Publications.
7. Maggy Lee, (2012) *Trafficking and Global Crime Control*, SAGE Publications Ltd.
8. Maroof Raza, Stephen P. Cohen, (2009) *Confronting Terrorism*, Penguin.
9. Marwah, Ved, (1999) *Uncivil Wars: Pathology of Terrorism in India*, New Delhi: Harper Collins Publishers.
10. Naimrata Goswami, *India's Internal Security Situation: Present Realities and Future Pathways*, Institute for Defence Studies and Analyses, 2013.

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M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.

Course Title: India's Foreign Policy

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04 (L-03, T-01, P-0)
Maximum Marks: 100

Course Objective(s):

- To understand and explore the ideas of Indian Foreign Policy system
- Study the India's diplomatic security concern
- Examine India's relationship with major powers
- Analyse future trend of Indian Foreign Diplomacy

Course Learning Outcomes (CLOs):

CLO:1- Understand the origin, agents, and principles of India's foreign policy
CLO:2- Use analytical tools for studying India's neighbours and regional organisations
CLO:3- Comprehend and recognise the new dimensions of India's Strategic Interests from Foreign policy perspectives.
CLO:4- Identify the contemporary issues and concerns of India from regional and global perspectives.
CLO:5- Build scenarios and assessments of India's external relationships.

Teaching Scheme (Sessions)*				Total (L+T+P)	Examination Scheme			
					CIA	MSE	ESE	Total Marks
Unit	L	T	P	C				
I	4	4	0	8	25 Marks	25 Marks	50 Marks	100 Marks
II	10	4	0	14				
III	12	4	0	16				
IV	10	4	0	14				
V	4	4		8				
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks

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Course Contents	
Unit I:	Objectives, Principles, Determinants and Agencies
	<ul style="list-style-type: none"> • Origin and Foundations of India's Foreign Policy: Ideology, Principles, Goals and Objectives • Determinants of India's Foreign Policy: Internal and External • Structures and Process of India's Foreign Policy (Parliament, PMO, MEA, Political Parties, Media) • Transformation and Continuity in India's Foreign Policy: Post-Cold War Era
Unit II:	India's Neighbourhood Policy
	<ul style="list-style-type: none"> • India and its near neighbourhood – SAARC nations • India and its extended neighbourhood – Myanmar, Iran and Central Asian countries • India's South Asia Regional Strategy
Unit III:	India and Major Powers
	<ul style="list-style-type: none"> • India and the United States: From Divergence to Convergence • India and Russia: Changing Contours • India and European Union: Opportunities and Challenges • India and ASEAN Powers
Unit IV:	India and Global issues
	<ul style="list-style-type: none"> • India and Global terrorism, • India and International Economic Regime: WTO, IMF and World Bank • India and Climate Change: UN Framework and onward Developments
Unit V:	Case Analyses
	<ul style="list-style-type: none"> • India's Af-Pak foreign and security policy strategy – Cold War and Post-Cold War • India's China policy – containment, engagement and “conagement”.

Teaching - learning process

- E-Contents through LMS- MOODLE.
- Blended mode & PPTs.
- Text reading and analysing.
- Lectures/ case studies/ online simulation activities.
- Scenario building methods based on hypothesis from case studies.
- Guest lectures and interactions with the Ambassadors/diplomats.

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Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- Continuous Internal Assessment (CIA) including Unit wise discussions/seminars or tests
- Mandatory Term-paper/assignments;
- Book review and oral presentation and written submission of the review;
- Seminar oral presentation using PPT
- Time constrained closed-book examinations –Mid-semester and End-semester.

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Annual Report 2016-17, Ministry of External Affairs, Government of India
2. Ashutosh Sharma, *The Shaping of India's New Foreign Policy*, Vij Books, New Delhi, 2011
3. Chris Ogden, *Indian Foreign Policy*, Wiley, New Jersey, 2014
4. Ernst Gellner, *Nations and Nationalism*, Cornell University Press, New York, 2014
5. Laxmi Sharma, *India Foreign Policy: Challenges and Opportunity in 21st Century*, Prateeksha Publications, 2010
6. Mahendra Kumar, *Theoretical Aspects of International Relations*, Shiva Lal Agarwala, Agra, 2010
7. Shyam Saran, *How India Sees the World: Kautilya to the 21st Century*, Brookings Institute, 2018.
8. Shivshankar Menon, *Choices: Inside the Making of Indian Foreign Policy: Inside the Making of India's Foreign Policy*, Penguin, UK, 2016
9. Sumit Ganguly, *India's Foreign Policy: Retrospect and Prospect*, Oxford University Press, Oxford, 2012
10. V.P.Dutt, *India's Foreign Policy - Since Independence*, National Book Trust, New Delhi, 2007

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M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.:

Course Title: Contemporary International Conflicts

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

Course Objective(s):

The course shall offer basic understanding on different existing modern day international conflicts and the contemporary trends related to these.

Course Learning Outcomes (CLOs):

- CLO:1-** The students will be able to analyse the nature and current situation of Korean peninsula and the basics of Israel-Palestine conflicts based on the background.
- CLO:2-** Students shall comprehend the conflicts occurring in Afghanistan, Iraq and Syria due to fundamentalism.
- CLO:3-** They will know the significance of South China Sea and major issues of conflict in the area.
- CLO:4-** The students will get information on Uyghur crisis and China's atrocities in Xinjiang region.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA Marks	MSE Marks	ESE Marks	Total Marks
I	8	4	0	12	25 Marks	25	25	50	100 Marks
II	8	4	0	12					
III	8	4	0	12					
IV	8	4	0	12					
V	8	4	0	12					
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks	

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Course Contents	
Unit I:	Korean Conflicts
	<ul style="list-style-type: none"> • Korean Peninsula conflict: genesis, causes and tensions • Contemporary trends
Unit II:	Israel-Palestine conflict
	<ul style="list-style-type: none"> • Israel-Palestine conflict: genesis • War of 1948: history, causes and events • Contemporary trends
Unit III:	Conflicts in Afghanistan, Iraq and Syria
	<ul style="list-style-type: none"> • Afghanistan in post Taliban period • Islamic fundamentalism in Afghanistan: Challenges and responses • Daesh (ISIS) as a security challenge in Iraq and Syria
Unit IV:	South China Sea
	<ul style="list-style-type: none"> • South China Sea- overview and significance • genesis and issues of conflict • Contemporary trends
Unit V:	Uighur Conflict
	<ul style="list-style-type: none"> • Uyghurs: ethnicity, history and background • Uyghur crisis in China: genesis • Genocide and Contemporary trends

Teaching - learning process

- the use of prescribed available textbooks and e-learning resources and other self-study materials;
- discussion based tutorials to clarify concepts and ideas
- individual or team-based open-ended based learning
- lectures delivered by eminent experts from different institutions on topic of interest related to course
- interaction with eminent experts from different fields including academia, defence personnel and researchers

Assessment methods

- time-constrained examinations;
- closed-book and open-book tests;
- written assignments;
- oral tests and presentations, including seminar presentation;
- peer and self assessment

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Borton, James (2022), Dispatches from South China Sea- Navigating to the Common Ground, Universal Publishers: USA
2. Cappelletti, Alessandra (2020), Socio-Economic Developments in Xinjiang Uyghur Autonomous Region – Disparities and Power Struggle in China's North-West, Palgrave MacMillan: Singapore
3. Filipec, Ondrej (2020), The Islamic State- From Terrorism to Totalitarian Insurgency, Routledge: New York
4. Hodes, Cyrus and Sedra, Mark (2013), The Search for Security in Post Taliban Afghanistan, Routledge: New York
5. Lacoquierre, Marion (2022), Emplaced Resistance in Palestine and Israel: The Cases of Hebron, Silwan and Al-Araqib, Routledge: New York
6. Maxwell, Jeremy P. (2019), The Korean War: The Fight Across the 38th Parallel, Amber Books Limited: London
7. Panda, Jagannath P.; Tizzard, David A. and Richey, Mason(2022), The Future of Korean Peninsula: Korea 2032 and Beyond, Routledge: New York
8. Robert, Sean R. (2022), The War on Uyghurs: China's Internal Campaign against a Muslim Minority, Princeton University Press: New Jersey
9. Siniver, Asaf (2022), Routledge Companion to the Israel Palestine Conflict, Routledge: New York
10. Whitlock, Craig (2021), The Afghanistan papers – A Secret History of the War, Simon & Schuster: New York

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SKILL ENRICHMENT/VALUE ADDITION COURSE

M.A. Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Course Title: Communication Skills Development & ICT

Duration of Examination: 2 Hrs.

Contact Hrs. /Week: 2 Hrs.

Credit: 02 (L-01, T-01, P-0)

Marks: 50

Course Objective(s):-

The course aims to enable students to comprehend the concept of communication; make students to build a repertoire of functional vocabulary and communication skills; and to train students in basic computer knowledge; this provides essential skills for the user to get adapted to any work environment.

Course Learning Outcomes (CLOs)

CLO:1-	After undergoing through this unit, the students shall learn English language skills.
CLO:2-	The students will acquire the knowledge related to basic computing skills and academic applications. Students shall acquire the ability to create, format documents, presentations, pie charts etc.

Teaching Scheme (Sessions)					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	TOTAL MARKS
I	1	1	0	2	12.5	12.5	25	50	
II	1	1	1	3					
Total	02	02	01	05	12.5 Marks	12.5 Marks	25 Marks	50 Marks	

Course Contents	
Unit I:	English Language Skills
	<ul style="list-style-type: none"> • Greeting, Self-Introduction, Body Language, Verbal and Non Verbal Communication • Skills in Reading, Writing Skills, Listening Skills, Conversation Skills • Public Speaking, Interpersonal, Interactive and Presentation Skills
Unit II:	Basic Computing Skills & Academic Applications
	<ul style="list-style-type: none"> • Introduction to Computers-Classification of Computers • Role of Computers in Society and Security • E-Mail, Letter and report Writing • Pi Chart, Power Point, Word

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Teaching and Learning Process:

- the use of prescribed available textbooks and e-learning resources and other self-study materials;
- discussion based tutorials to clarify concepts and ideas
- individual or team-based open-ended based learning
- practical based teaching
- lectures delivered by eminent experts from different institutions on topic of interest related to course

Assessment Methods:

- time-constrained examinations;
- closed-book and open-book tests;
- written assignments;
- observation of practical skills;
- oral tests and presentations, including seminar presentation;
- peer and self assessment

Attendance Required:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75 % attendance is must failing which student may not be permitted to appear in the examination.

References /Suggested Readings

1. Adler, Mortimer J. (1985), *How to Speak, How to Listen*, Collier Books
2. Duck, Steve (2012), *The Basics of Communication: A Relational Perspective*, Sage, New Delhi
3. Gill, Satish (April 2015), *Impacts of Computers on Today's Society*, International Journal Of Core Engineering & Management (IJCEM) Volume 2, Issue 1.
4. Goel, Anita (2010), *Computer Fundamentals*, Pearson, New Delhi
5. Hanh, Thich Nhat (2014), *The Art of Communicating*, Harper Collins
6. Hewings, Martin (1999) *Advanced English Grammar: A Self-Study Reference and Practice Book for South Asian Students*. Reprint 2003. Cambridge University Press. New Delhi
7. Introduction to Computers – Peter Norton, Tata McGraw Hill
8. Sasikumar.V and Dhamija, P.V. (1993). *Spoken English: A Self-Learning Guide to Conversation Practice*. Tata McGraw-Hill. New Delhi
9. Sinha, P.K. (2004), *Computer Fundamentals*, BPB Publications, New Delhi
10. V. Syamala, (2002), *Effective English Communication for you*, Emerald Publishers, Chennai.

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Detailed Course Contents

SEMESTER II

CORE COURSES

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.:

Course Title: Evolution of Strategic Thought

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

Course Objective(s):

The course aims to enable the students to develop an understanding on the relationship between strategic issues to broader conceptual concerns in international relations. It interprets the use of force in both traditional and contemporary for achieving the political ends. The course will help the students to develop analytical thinking on the relevance and applicability of strategic thought in contemporary times.

Course Learning Outcomes (CLOs):

- CLO:1-** The students shall be able to understand the concept of statecraft and applicability of Kautilya's philosophy in present context.
- CLO:2-** Students will easily find out the linkages between war and politics and how it is relevant in modern international relations.
- CLO:3-** They shall develop their thoughts on the concepts of land, sea and air warfare in recent security environment.
- CLO:4-** They shall also learn about the impact of science and technology and its significance in today's world.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA Marks	MSE Marks	ESE Marks	Total Marks
I	9	3	0	12	25 Marks	25 Marks	50 Marks	100 Marks	
II	8	4	0	12					
III	8	4	0	12					
IV	8	4	0	12					
V	8	4	0	12					
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks	

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Course Contents	
Unit I:	Kautilya's Philosophy of War
	<ul style="list-style-type: none"> • State Craft • Diplomacy and Foreign Policy – Military Strategy and Tactics, Security of the Kingdom • Institution of Espionage – Role of Spies
Unit II:	Linkages between War and Politics
	<ul style="list-style-type: none"> • Machiavelli's views on Art of War • Jomini's Concept of Mass Army • Clausewitz Theory of War
Unit III:	Concepts of Land, Sea and Air Power
	<ul style="list-style-type: none"> • Mao's Theory on Guerrilla Warfare • A.T. Mahan's Views on Sea power • Douhet's theory of Air power
Unit IV:	Strategic Thoughts on mechanized warfare
	<ul style="list-style-type: none"> • Vauban's thoughts on the Impact of Science on War and Siege Warfare • JFC Fuller on Mechanized Warfare • Liddell Hart as a Proponent of Mechanization of Warfare
Unit V:	Nuclear Strategy
	<ul style="list-style-type: none"> • John Foster Dulles - Theories of Nuclear War and Deterrence • Andre Beaufre – Nuclear war and strategy of deterrence • The Impact of Nuclear Weapons on Strategy - Nuclear Strategies since 1945

Teaching - learning process

- individual or team-based open-ended based learning
- the use of prescribed available textbooks and e-learning resources and other self-study materials;
- discussion based tutorials to clarify concepts and ideas
- develop critical thinking with comparative analysis of different strategic thinkers
- interaction with eminent experts from different fields including academia, defence personnel and researchers

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Assessment methods

- time-constrained examinations; closed-book and open-book tests;
- written assignments;
- oral tests and presentations, including seminar presentation;
- peer and self assessment

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Asthana, N. C. (2016), "Strategic Thought and the Art of War", Pointer Publishers, Jaipur
2. Beatrice Heuser (2010), "The Strategy Makers: Thoughts on War from Machiavelli to Carl Von Clausewitz trans, James John Graham (1873), "On War", N. Trübner, London
3. Bisht, Medha (2019), *Kautilya's Arthashastra- Philosophy of Strategy*, Routledge, India
4. Cooper, Robert (2021), *The Ambassadors: Thinking About Diplomacy From Machiavelli to Modern Times*, Weidenfeld & Nicolson: London, UK
5. Gaddis, John Lewis (2019), *On Grand Strategy*, Penguin, New York
6. Martin Van Creveld (2000), "The Art of War & Military Thought", Cassell & Co., Wellington House, London
7. Mikael, Krogerus (2017) *The Decision Book: Fifty models for strategic thinking*, Profile Books, London UK
8. Shastri, Shyama (2012) *Kautilya's Arthashastra*, New Delhi: Low Price Publications
9. Shekhar Adhikari (2004), "Modern Strategic Thought: Machiavelli to Nuclear Warfare". New Delhi: Kilaso Books
10. Tzu, Sun (2015), "The Art of War", Chiron Academic Press, Sweden

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M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.

Course Title: Border Security Management

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

Course Objective(s):

- To familiarise students with Border Security Studies and Management practices
- To impart holistic approach to Border Security Management in India
- To enable them critically look at Borders/boundaries in a holistic perspective

Course Learning Outcomes (CLOs):

CLO:1- Ability to define and conceptualize Borders and Boundaries from Indian perspectives
CLO:2- Understand and explain the nature and characteristics of Borders in South Asia.
CLO:3- Critically analyse the relevance and irrelevance of Borders in South Asia and Identify issues related to various borders.
CLO:4- Examine the existing Border management practices from global perspectives

Teaching Scheme (Sessions)*				Total (L+T+P)	Examination Scheme			
Unit	L	T	P		CIA	MSE	ESE	Total Marks
I	4	4	0	8	25 Marks	25 Marks	50 Marks	100 Marks
II	10	4	0	14				
III	12	4	0	16				
IV	10	4	0	14				
V	4	4	0	8				
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks

R. Jhunjhunwala
10/8/22

M. H. J.
10/8/22

Parul
10/8/22

Shreya

Course Contents	
Unit I:	Introduction
	<ul style="list-style-type: none"> • Concepts, Theories and History of Border Studies • Border Security – Re-mapping humanities • Making of Borders in South Asia
Unit II:	India's Northern Borders
	<ul style="list-style-type: none"> • Issues and Challenges along Line of Control (LoC) and International Border (IB) • Conflict and Contestation along Line of Actual Control (LAC) • Understanding border from Sub-regional perspectives
Unit III:	India's Eastern Borders
	<ul style="list-style-type: none"> • Border Security Issues with China and Myanmar and Bangladesh • Sub-regional Connectivity and Trade along Eastern Borders • Non-traditional Security Challenges from Border Regions
Unit IV:	India's Maritime Boundaries
	<ul style="list-style-type: none"> • India- Sri Lanka Maritime Boundary – Katchathevu and Fishing Rights • India and Pakistan Maritime Boundary Security and Terrorism
Unit V:	Securing and Managing Indian Borders
	<ul style="list-style-type: none"> • Role of Armed Forces • Managing Borders without Maiming Socio-Cultural Linkages • Comparative Analysis on Effective Border Security and Management

Teaching - learning process

- Lectures supported by tutorial work;
- The use of prescribed textbooks and e-learning resources and other self-study materials are made available in MOODLE platform;
- Open-ended term-paper work, some of which may be team-based;
- Activities designed to promote the development of generic/transferable and subject-specific skills such as creative thinking, analytical writings.
- Field visits to Border areas/out posts to get an first-hand experience

Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- Continuous Internal Assessment (CIA) including Unit wise discussions/seminars or tests
- Mandatory Term-paper/assignments;
- Book review and oral presentation and written submission of the review;
- Seminar oral presentation using PPT;
- Time constrained closed-book examinations –Mid-semester and End-semester

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Border Area Development Programme (revised guidelines-2008), Ministry of Home Affairs, New Delhi
2. Development of National Highways in North Eastern Region, Border Roads Organisation, Annual Report 2007-08, Ministry of Surface Transport and Highways, New Delhi
3. Gautam Das, Securing India's Borders: Challenges and Policy Options, Centre for Land Warfare Studies, New Delhi, 2011
4. Kapur, Ashok, and Professor Department of Political Science Ashok Kapur. India and the South Asian Strategic Triangle. Routledge, 2010
5. Kumar, Satish. India's National Security. Taylor & Francis, 2017
6. P. Sahadevan, Conflict and peacemaking in South Asia, Lancer's Books, New Delhi, 2001
7. Pathania, Shivani Raswan. Cross Border Terrorism in India. Vij Books, 2015
8. Sharma, Chandan Kumar, and Reshma Banerjee. Fixed Borders, Fluid Boundaries. Taylor & Francis, 2020
9. Sinews of India's Internal Security in 21st Century. G.B. Books, 2018
10. Tripathi, Dhananjay. Re-Imagining Border Studies in South Asia. Taylor & Francis, 2020

D. M. M.
10/8/22

R. M.
10/8/22

R. M.
10/8/22

Dhananjay

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Course Title: India's Maritime Security in Indo-Pacific

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

Course Objective(s):

This course is intended to introduce "India and Maritime Security in Indo-Pacific". The aim of the course is to impart knowledge and create awareness on the importance and significance of the Oceans and the Maritime concern in the context of National Security. The course will also make students to focus on the Geo-Strategic/Political importance of Indian Ocean Region (IOR) and the various challenges/issues concerning it. Considering India's strategic location of the IOR, students will be thought on India's maritime strategy and its role in ensuring the safety of Sea Lines of Communication (SLOCs), trade, energy security. The course will also educate students on Maritime security cooperation among the Littoral Countries to combat the maritime threats and maintain a peaceful and stable order in the IOR.

Course Learning Outcomes (CLOs):

- CLO:1-** The Indian Ocean Region (IOR) and the idea of the Indo-Pacific can be understood by students in terms of its geostrategic and political significance.
- CLO:2-** Students will comprehend the value of oceans for a state in terms of its ability to sustain its economy and strategy, particularly India, a country with wide maritime boundaries.
- CLO:3-** Students will learn about various maritime security challenges (both traditional and non-traditional) and the existing policy measures and processes for dealing with these concerns.
- CLO:4-** Additionally, they will be able to comprehend India's maritime strategy and its maritime cooperation with other countries and regions.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C	CIA	MSE	ESE	Total Marks	
I	06	02	0	08	25 Marks	25 Marks	50 Marks	100 Marks	
II	09	06	0	15					
III	08	04	0	12					
IV	10	05	0	15					
V	07	03	0	10					
Total	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks	

R. Singh
10/8/22

M. K. Singh
10/8/22

O. V. 10/8/22

Ramdy

Course Contents	
Unit I:	Introduction
	<ul style="list-style-type: none"> • Geo-Strategic, Political-Economic importance of India Ocean • Littoral States of the Indian Ocean Region • Boundaries and Territories of the Ocean
Unit II:	Indian Ocean and its significance
	<ul style="list-style-type: none"> • India's Maritime History-Pre and Post Independence • Regional and Extra Regional Powers Interests and Influence in the IOR • Maritime Complexities-Protection of infrastructures, Port Security.
Unit III:	Challenges to Maritime Security
	<ul style="list-style-type: none"> • Traditional Security Threats <ul style="list-style-type: none"> i) Safeguarding EEZ, ii) Territorial Waters and Islands. • Non-Traditional Security Threats <ul style="list-style-type: none"> i) Piracy, Terrorism, ii) Drug Trafficking, iii) Gun Running, iv) Illegal Migration v) Maritime Pollution, vi) Global Supply Chain Vulnerabilities
Unit IV:	Maritime Security Co-Operation
	<ul style="list-style-type: none"> • Indian Ocean Rim-Association for Regional Cooperation (IORARC) • Bangladesh, India, Myanmar, Sri Lanka, Thailand Economic Cooperation (BIMST-EC), Indo-Pacific-QUAD, International Fleet Review • Naval Cooperation, India and Arctic Council , ASEAN
Unit V:	Maritime Strategy for India
	<ul style="list-style-type: none"> • India's maritime security interests/policy towards Indo-Pacific. • India's Naval Doctrine, India's Arctic Engagement and Policy • Bilateral/Multilateral Cooperation on Maritime Security

Teaching - learning process

Teaching methods, guided by such a framework, may include:

- lectures supported by group tutorial work;
- the use of prescribed textbooks and e-learning resources and other self-study materials;
- Team-based simulation exercise with case studies;

Parul
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Shankar

D. Shukla
10/8/22

Malik
10/8/22

Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- time-constrained examinations; closed-book tests;
- problem based assignments;
- individual assignment reports (case-study reports);
- team project reports; oral presentations, including seminar presentation;

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Anit Mukherjee, C. Raja Mohan, *India's Naval Strategy and Asian Security*, Routledge, New York, 2015.
2. Bimal N. Patel, Aruna Kumar Malik, William Nunes, *Indian Ocean and Maritime Security: Competition, Cooperation and Threat*, Routledge, New York, 2017
3. Cordesman, Anthony H, et al (2014), *Indian Ocean Region: A Strategic Net Assessment*, Lanham, Rowman & Littlefield.
4. Édéric Grare, and Jean-Loup Samaan (2022), *The Indian Ocean as a New Political and Security Region*, Springer International Publishing.
5. John Garofano, Andrea J. Dew, "Deep Currents and Rising Tides: The Indian Ocean and International Security", Georgetown University Press, 2013
6. Lee Cordner, *Maritime Security Risks, Vulnerabilities and Cooperation: Uncertainty in the Indian Ocean*, Springer, New York, 2017
7. Mohan Malik, *Maritime Security in the Indo-Pacific: Perspectives from China, India, and the United States*, Rowman & Littlefield, UK, 2014
8. Raja Mohan C., Samudra Manthan: *Sino-Indian Rivalry in the Indo-Pacific*, Carnegies, Washington, 2012
9. V. R. Raghavan, Lawrence W. Prabhakar, "Maritime Security in the Indian Ocean Region: Critical Issues in Debate", Tata McGraw-Hill Publishing Company, New Delhi, 2008
10. Vijay Sahuja, Kapil Narula, *Maritime Safety and Security in the Indian Ocean*, Vij Books India, New Delhi, 2016.

D. Sahuja
10/8/22

10/8/22

Ram
10/8/22

Ramsey

OPEN ELECTIVE COURSES
(Any Two out of Three Course)

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.:

Course Title: - Defence Economics & Development

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

Course Objective(s):

The course intends to impart knowledge to students on the relation between defence economics and national security along with economic impact of defence and security. The students will become aware about the factors influencing defence expenditure, planning for defence. Students shall also learn on the art of mobilizing resources for national defence. It also covers wide spectrum of R&D with respect to defence production in India.

Course Learning Outcomes (CLOs):

- CLO:1-** The course provides a wider perspective of defence economics. After undergoing this course, the students shall understand about the subject's evolution and economics of defence.
- CLO:2-** The students will become aware of the trending economic warfare and shall be accustomed to the role of defence planning, programming and defence budgeting and also to the effects of war on the economy of a country
- CLO:3-** The students will get knowledge on the process and art of resources mobilization- during and post war along with the influence of new technologies on war and economy.
- CLO:4-** The students shall learn about the wide spectrum of R&D with respect to defence production in India.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA Marks	MSE Marks	ESE Marks	Total Marks
I	8	4	0	12		25	25	50	100
II	8	4	0	12					Marks
III	6	6	0	12					
IV	7	5	0	12					
V	8	4	0	12					
	40	20	00	60		25	25	50	100
									Marks

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Dr. 
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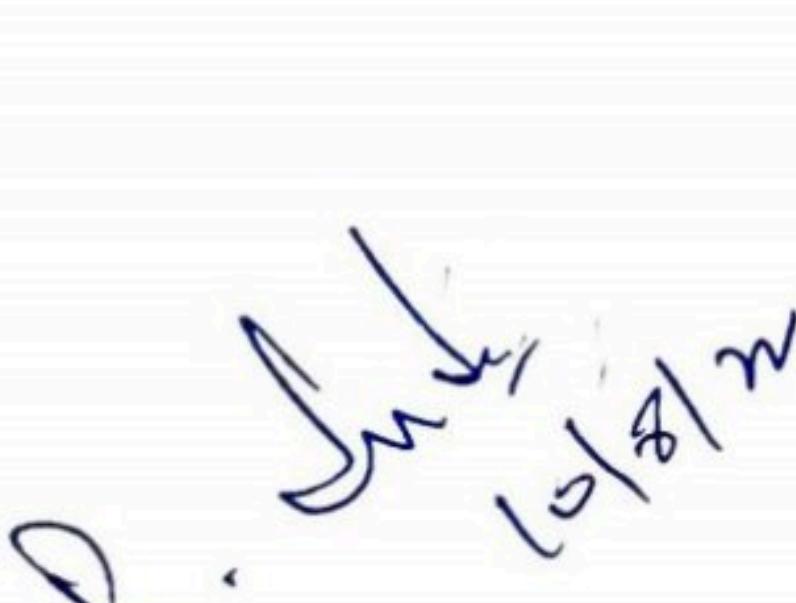
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Course Contents	
Unit I:	Introduction
	<ul style="list-style-type: none"> • The Economic Foundation of Military Power – Economic Theory of Adam Smith • Determinants of Defence Expenditure – Threat Perceptions, Capabilities & Policies • Trends and Growth of India's Defence Spending since 1947
Unit II:	Economic Aspects of Defence
	<ul style="list-style-type: none"> • Economic Impact of Defence and security- Economic Warfare • Defence and Development - Implications for India • Defence Research and Development Organisation
Unit III:	Defence Budget and National Security
	<ul style="list-style-type: none"> • Defence Planning and national security – Defence budget as a strategic tool of national security • Comparative study of Defence Budget of India, Pakistan and China • Impact of war on national economy
Unit IV:	Resource Mobilization and Emergence of New Technologies
	<ul style="list-style-type: none"> • Resource Mobilization during and post war • Advance Technologies in Military Affairs • Rationale for Arms Production in the Third World Countries
Unit V:	Role of Public, Private partnership in Defence Production in India
	<ul style="list-style-type: none"> • Ordnance Factories in India – history, role and current scenario • Efficiency of Defence Public Sector Undertakings • Public-Private partnership in Defence Sector

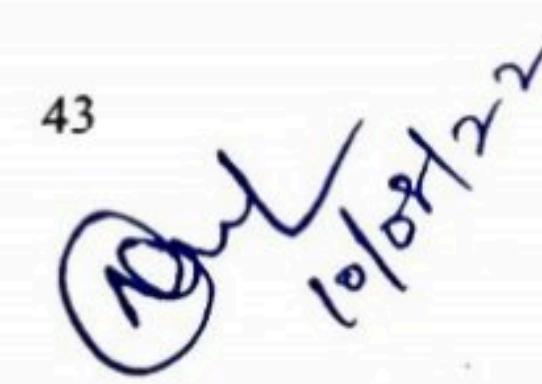
Teaching - learning process

- the use of prescribed available textbooks and e-learning resources and other self-study materials;
- individual or team-based open-ended project work;
- interaction with eminent experts from different fields including academia, defence personnel's and researchers
- review and questions & answer based tutorials


 Dr. Jitendra Singh
 10/02/22


 Dr. Ashok
 10/02/22

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 Dr. Rakesh
 10/02/22


 Dr. Hemant
 10/02/22

Assessment methods

- assignments/report writing;
- time-constrained examinations; closed-book and open-book tests;
- oral presentations, including seminar presentation;
- Peer and self-assessment
- team based brief reports related to subject

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.

Reference/Suggested Readings

1. Annual Report (2010), Government of India, New Delhi: Ministry of Defence
2. Beher, K. (2020). India's Defence Economy. Routledge, London, UK
3. Behera, Laxman Kumar (2020), India's Defence Economy, Planning, Budgeting, Industry and Procurement, Routledge: Oxford
4. Brauer, Jurgen and Hartley, Keith (2013), The Economics of Regional Security", Routledge: England
5. Das, R. C. (2018). Handbook of Research on Military Expenditure on Economic and Political Resources. IGI Global Publisher: Guangzhou, China
6. Ghosh, Amiya K (2013), Resource Allocation and Management in Defence: Need for a Framework, New Delhi, Knowledge World Publishers
7. Hartley, K., & Belin, J. (2021). The Economics of the Global Defence Industry, Routledge: London, UK
8. Matthews, R. (2019). The Political Economy of Defence, Cambridge University: Press, Cambridge, United Kingdom
9. Pant, Harsh V. (2016), "Handbook of Indian Defence Policy: Themes, Structure and Doctrines, New York: Routledge
10. Suman, Mrinal (2021), Of Matters Military: Defence production and Mission Make in India, New Delhi: Vij Books.

L. M
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J. M
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Hartley

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.

Contact Hrs/Week: 4 Hrs

Course Title: Science, Technology and Security

Credit: 04 (L-03, T-01, P-0)

Duration of Examination: 3 Hrs

Maximum Marks: 100

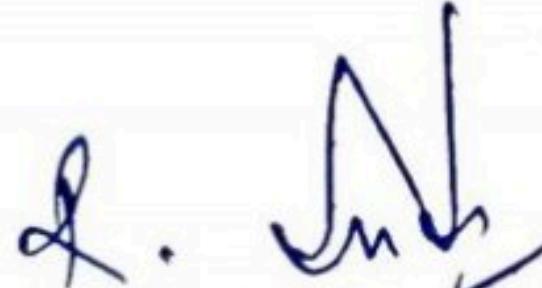
Course Objective(s):

- To impart students about the role of science & technology in enhancing national security
- To familiarize students with the evolution of modern technology and its application in national security and strategy
- To enable students to analyse range of issues pertinent to advancement of science and technology for the enhancement of national security

Course Learning Outcomes (CLOs):

CLO:1-	Understand the role of Science and Technology in shaping National Security
CLO:2-	Identify key emerging areas in S&T that affects National Security
CLO:3-	Basic Knowledge about S&T Organisations and institutions in India
CLO:4-	Ability to address national security problems through S&T

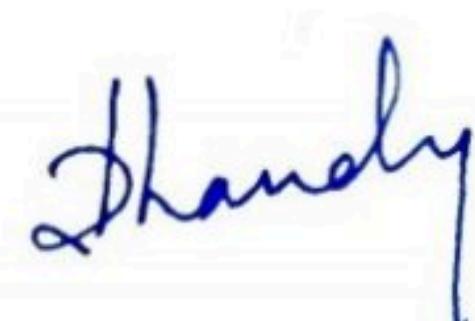
Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA Marks	MSE Marks	ESE Marks	Total Marks
I	8	4	0	12	25	25	50	100	
II	8	4	0	12					Marks
III	6	6	0	12					
IV	7	5	0	12					
V	8	4	0	12					
	40	20	00	60	25	25	50	100	Marks

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Course Contents	
Unit I:	Science, Technology and Society
	<ul style="list-style-type: none"> • Science and technology - definitions and concepts • Evolution of modern science & technology • Impact of science and technology on society
Unit II:	Globalisation and the Diffusion of Technology
	<ul style="list-style-type: none"> • Technology transfer from developed to developing countries • Global interdependence on technology • Use and abuse of technology (civilian usage to military purposes)
Unit III:	Technology and National Security from Global Perspective
	<ul style="list-style-type: none"> • Nuclear weapons and missile technology • Space technology and National security • Biotechnology and environmental security
Unit IV:	Science & Technology and India's National Security
	<ul style="list-style-type: none"> • Role of Defence Research Development and Organisation (DRDO) • India's missile and space programmes • India's defence and security modernisations – Indigenous technology or Import dependence
Unit V:	Defence Research & Development in India
	<ul style="list-style-type: none"> • Military Industrial Complex (MIC) in India • Institutional cooperation in higher defence management- Military, Bureaucracy and Scientific bureaucracy • Defence procurement and acquisition policy – Military collaborative agreements

Teaching - learning process

- Lectures supported by tutorial work;
- The use of prescribed textbooks and e-learning resources and other self-study materials are made available in MOODLE platform;
- Open-ended term-paper work, some of which may be team-based;
- Activities designed to promote the development of generic/transferable and subject-specific skills such as creative thinking, analytical writings

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Handy

Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

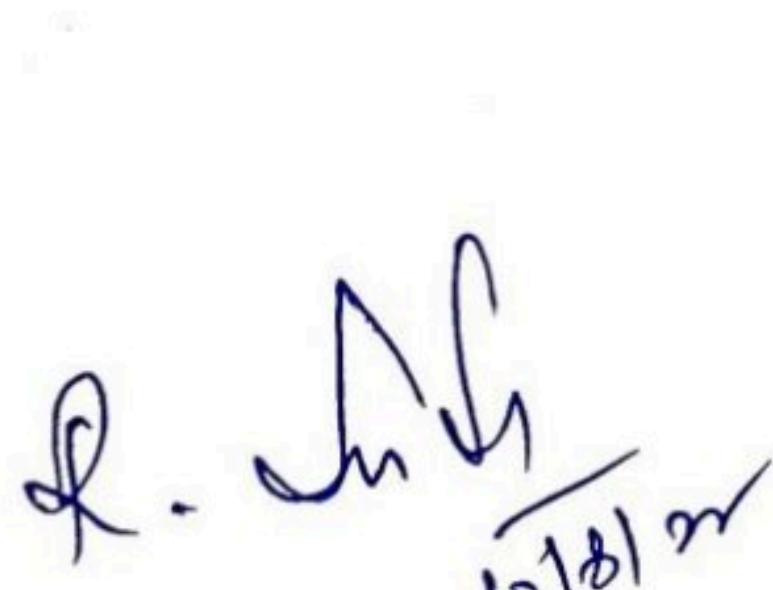
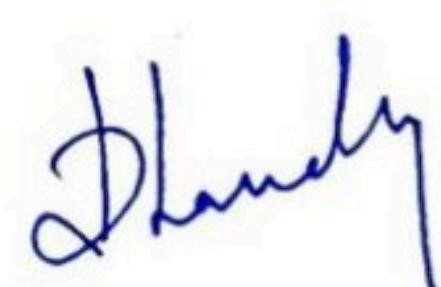
- Continuous Internal Assessment (CIA) including Unit wise discussions/seminars or tests
- Mandatory Term-paper/assignments;
- Book review and oral presentation and written submission of the review;
- Seminar oral presentation using PPT
- Time constrained closed-book examinations –Mid-semester and End-semester.

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. John Street, Politics and Technology, (three chapters, Macmillan 1992)
2. Robert Jervis, The Meaning of the Nuclear Revolution, (One Chapter, Cornell 1989)
3. Edward Mead Earle, Makers of Modern Strategy (One Chapter, Princeton, 1943)
4. Antulio J Echevarria II, Imagining Future Wars, (One Chapter, Praeger, 2007)
5. Eliot Cohen, "Technology and Warfare", in John Baylis et al Strategy (Oxford, 2002)
6. Arnulf Grubler, Technology and Global Change (Two chapters, Cambridge, 1998)
7. David Baldwin (1997), "The Concept of Security", Review of International Studies, 23:5-26
8. Jhon Street (1992), "Politics and Technology", UK: Macmillan
9. Mikkel Vedby Rasmussen (2006), "The Risk Society at War: Terror, Technology and Strategy in the 21st Century", Cambridge: CUP
10. Scott.D.Sagan and Kenneth N.Waltz (1995), "The Spread of Nuclear Weapons: A Debate", New York: W.W.Norton.

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Course Title: Introduction to Peace and Conflict Studies
Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04 (L-03, T-01, P-0)
Maximum Marks: 100

Course Objective(s):

The course will introduce students to peace and conflict studies, prepare them to map and analyze conflicts to comprehend their various cycles, and familiarise them with instruments for promoting peace such as negotiation and mediation. Students will also learn how to mediate, manage, and control violent and peaceful disputes at various levels and the factors that contribute to conflict and violence. Additionally, the course will connect students with the pre-conflict, conflict, and post-conflict strategies and roles of UNO, international organizations, and institutions in the peace process.

Course Learning Outcomes (CLOs):

- CLO:1-** The course will give students the skills to recognize key ideas in peace and conflict research.
- CLO:2-** Students will be able to examine the advantages and limitations of several ideas on the causes of war and violence.
- CLO:3-** The course will assist the students in distinguishing between positive and negative peace.
- CLO:4-** The students will be able to show how nonviolent techniques can be utilised to promote peace in the world through the use of a case study.

Teaching Scheme (Sessions)*				Total (L+T+P)	Examination Scheme			
					CIA	MSE	ESE	Total Marks
Unit	L	T	P	C	25 Marks	25 Marks	50 Marks	100 Marks
I	06	02	0	08				
II	08	06	0	14				
III	08	04	0	12				
IV	10	06	0	16				
V	08	02	0	10				
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks

R. J.
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Course Contents	
Unit I:	Introduction to Peace Studies <ul style="list-style-type: none"> • Peace – meanings, concepts and discourse • Historical evolution of the perception of peace and war • Peace and society from an inter-disciplinary perspectives
Unit II:	Understand Conflict <ul style="list-style-type: none"> • Conflict –basic terms, concepts, causes and types • Actors, Structures and Levels in Conflict • Conflict resolution methods and mechanisms at regional and global/collective
Unit III:	Conflict Prevention and Management <ul style="list-style-type: none"> • Pacific Settlement Methods, Coercive Methods • Conflict Prevention-Just War, War as an Instrument of Conflict Management • Peace-Keeping Mechanisms, Peace-Building Process and Peace-Making Strategies
Unit IV:	Challenges to Peace in Contemporary World <ul style="list-style-type: none"> • Inter and Intra-state conflicts – developing trends and solutions • Traditional and Non-Traditional Threats • Ethnic Conflicts
Unit V:	Brief Analysis of Cases in Peace and Conflict Studies <ul style="list-style-type: none"> • Armed Conflicts and Peace in South Asia – India –Pakistan, Sri Lanka and Afghanistan • Case Study – India Bangladesh Arbitration over Maritime Boundary • Case Study – Indus Water Treaty

Teaching - learning process

Teaching methods, guided by such a framework, may include:

- lectures supported by group tutorial work;
- the use of prescribed textbooks and e-learning resources and other self-study materials;
- activities designed to promote the development of generic/transferable and subject-specific skills;

Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- time-constrained examinations; closed-book and open-book tests; case studies
- Problem based assignments; team project reports; oral presentations, including seminar presentation; Pedagogic approaches as per the context.

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Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.

Reference/Suggested Readings

1. Barash, David, P. (2000) *Approaches to Peace: A Reader in Peace Studies*.
2. Galtung, Johan, (1996) *Peace by Peaceful Means*
3. Hampson, F. Malone, D. (2002), "From Reaction to Conflict Prevention: Opportunities for the UN System", Boulder Lynne Reiner.
4. J, Galtung (2004), "Transcend and Transform: An Introduction to Conflict Work", London: Pluto Press
5. Jhon Gittings (2012), "The Glorious Art of Peace: From Iliad to Iraq", New York: OUP
6. Lederach, J. P. (1997), "Building Peace: Sustainable Reconciliation in Divided Societies", Washington: USIP.
7. Murty, K. Satchidananda, (1986) *Quest for Peace*.
8. Peter Wallen Steen, ed.(1988) *Peace Research: Achievements and Challenges*.
9. Ursula, Oswald, (ed.), (2000) *Peace Studies from a Global Perspective*.
10. Wallensteen, P. (2007), "Understanding Conflict Resolution", London: Sage

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SKILL ENRICHMENT/VALUE ADDITION COURSE

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Contact Hrs. /Week: 2 Hrs.

Course Title: Soft Skills and Personality Development

Credit: 02 (L-01, T-01, P-0)

Duration of Examination: 2 Hrs.

Marks: 50

Course Objective(s)

The objective of the course is to develop students' understanding of the importance and function of soft skills by offering instruction and chances for practice. The course will conduct activities that students engage in individually and in groups to help them learn and develop their soft skills which help students to develop competencies and capability. Additionally, the course will help students to bring in behavioural change among them and attitude traits through activities.

Course Learning Outcomes (CLOs)

CLO 01: The subject develops and strengthens several skills making them competent and confidence among the students.

CLO 02: It helps students to acquire employability skills and it develops interpersonal communication, team building and leadership skills.

Teaching Scheme (Sessions)					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	TOTAL MARKS
I	13	4	-	17		12.5	12.5	25	50
II	13	4	-	17					
Total	26	8	-	34	12.5 Marks	12.5 Marks	25 Marks	50 Marks	

Course Contents	
Unit I:	Interpersonal and Team Skills
	<ul style="list-style-type: none"> • Interpersonal Communication, Assertiveness • Confrontation, Conflict Resolution, Team Skills • Team Building, Negations, Mediations, arbitrations
Unit II:	Leadership Quality Skills & Personal Enrichment Skills
	<ul style="list-style-type: none"> • Leadership Skills, Identifying your Individual Leadership Style • Definition of Personality, Need for Personality Development • Positive Attitude, Stress Management, Strategies for Self Motivation, Problem Solving, Creativity

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Teaching and Learning Process:

Teaching methods, guided by such a framework, may include:

- Lectures supported by group tutorial work;
- The use of prescribed textbooks and e-learning resources and other self-study materials;
- Team-based project work;
- Activities designed to promote the development of generic/transferable and subject-specific skills;

Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- time-constrained examinations; closed-book and open-book tests;
- problem based assignments;
- team project reports;
- oral presentations, including seminar presentation;

Attendance Required:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75 % attendance is must failing which student may not be permitted to appear in the examination.

References /Suggested Readings

1. B Smith (2004), *Body Language*, Rohan Book Company, Delhi.
2. Cliff Ricketts, John Ricketts (2008), *Leadership: Personal Development and Career Success*, Cengage, Boston USA.
3. D.J Mile (2004), *Power of positive thinking*, Rohan Book Company, Delhi.
4. E.B Hurlock (2006), *Personality Development*, 28th Reprint, Tata Mc Graw Hill, New Delhi.
5. Jitesh K. Talati (2018), *Encyclopedia of Personality Development, Stress Management, Career Development & Presentation Skills*, Paradise Publishers, Jaipur.
6. Pravesh Kumar (2005), *All about self- Motivation*, Goodwill Publishing House, New Delhi.
7. Rajiv K Mishra (2018), *Personality Development*, Rupa & Company, New Delhi.
8. S.B Robbins (2005), *Organizational Behaviour*, Prentice Hall of India, New Delhi.
9. Sandole, Dennis J., *Handbook of Conflict Analysis and Resolution*, Routledge, New York
10. Thomas Ramsey (2007), *Self Motivation: From a Teen's Perspective*, Xlibris Corporation.

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Detailed Course Contents

SEMESTER III

CORE COURSES

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.

Course Title: Geopolitics and Regional Security
Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04 (L-03, T-01, P-0)
Maximum Marks: 100

Course Objective(s):

- To familiarise students with the nature of geopolitics in a globalised world
- To develop understanding on the major themes of the subject
- To enable students to critically analyse the range of issues, themes and approaches in contemporary geopolitics

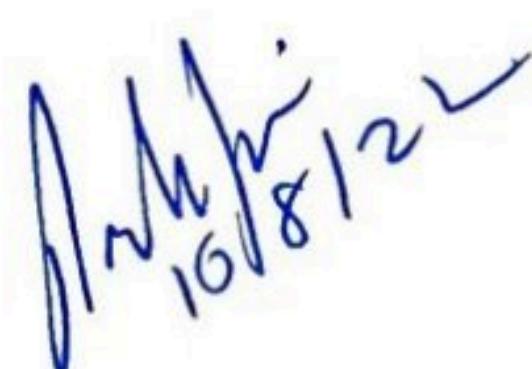
Course Learning Outcomes (CLOs):

CLO:1- Explain the concepts & theories of geopolitics.
CLO:2- Analyze geographical contestations.
CLO:3- Theories regional security with geopolitical developments
CLO:4- Build scenarios for Geo-political competitions.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme				
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks	
I	4	4	0	8	25 Marks	25 Marks	50 Marks	100 Marks		
II	10	4	0	14						
III	12	4	0	16						
IV	10	4	0	14						
V	4	4	0	8						
	40	20	00	60		25 Marks	25 Marks	50 Marks	100 Marks	

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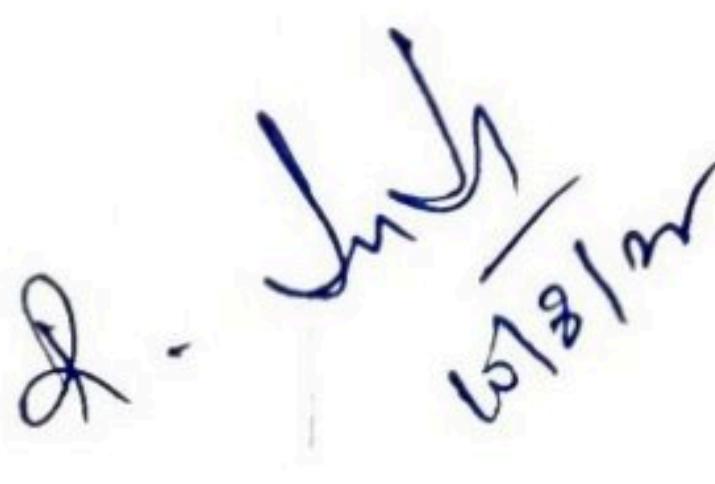

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Course Contents	
Unit I:	Introduction to Geopolitics <ul style="list-style-type: none"> • Definition of geopolitics, geo-strategy and globalisation – Process or Phenomena • Basic concepts of geopolitics – Sovereignty and Territoriality and Space • Geopolitical structures – hierarchical order
Unit II:	Theories of Geopolitics <ul style="list-style-type: none"> • Classical Theories <ul style="list-style-type: none"> a) Heartland Theory (Halford J. Mackinder) b) Sea Power (Alfred Thayer Mahan) c) Rimland Theory (Nicholas J. Spykman) • Critical Geopolitics : Modern Geopolitics; Post-Modern Geopolitics
Unit III:	Contemporary Issues in Geopolitics <ul style="list-style-type: none"> • Global Environmental Issues • Geopolitics of Energy and trade • Borders as a geopolitical fault lines
Unit IV:	Globalization and Geopolitics <ul style="list-style-type: none"> • Globalization and the geopolitics of national identity and concept of Empire and imperialism • The challenge of globalization for the nation-state and state sovereignty • Debates on the nature of globalization and the reshaping of global politics
Unit V:	The Case studies <ul style="list-style-type: none"> • Geopolitical analysis of Afghanistan • Ocean and geopolitics in South Asia • Geopolitical competition in Trans-Himalayan region

Teaching - learning process

- Lectures supported by tutorial work;
- The use of prescribed textbooks and e-learning resources and other self-study materials are made available in MOODLE platform;
- Open-ended term-paper work, some of which may be team-based;
- Activities designed to promote the development of generic/transferable and subject-specific skills such as creative thinking, analytical writings

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Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- Continuous Internal Assessment (CIA) including Unit wise discussions/seminars or tests
- Mandatory Term-paper/assignments;
- Book review and oral presentation and written submission of the review;
- Seminar oral presentation using PPT
- Time constrained closed-book examinations –Mid-semester and End-semester.

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings:

1. Anthony H. Cordesman, Abdullah Toukan, The Indian Ocean Region: A Strategic Net Assessment, Rowman & Littlefield, UK, 2014.
2. Cuiping Zhu, India's Ocean: Can China and India Coexist?, Springer, Singapore, 2018
3. Francis Sempa, Geopolitics: From the Cold War to the 21st Century, Routledge, New York, 2017
4. Kelly, Phil, "A Critique of Critical Geopolitics", Geopolitics, Vol.11, No.1, Spring 2006
5. Kumar, Yogendra. Geopolitics in the Era of Globalisation. Taylor & Francis, 2020.
6. Martin Riegl, Strategic and Geopolitical Issues in the Contemporary World, Cambridge Scholars Publishing, UK, 2013.
7. Mike Rosenberg, Strategy and Geopolitics: Understanding Global Complexity in a Turbulent World, Emerald Group Publishing, UK, 2017
8. National Defense University Press. The Borderlands of Southeast Asia. NDU Press, 2011.
9. Nayar, Baldev Raj, et al. The Geopolitics of Globalization. Oxford University Press, USA, 2005.
10. Woodley, Daniel. Globalization and Capitalist Geopolitics (Open Access). Routledge, 2017

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Course Title: Hybrid Warfare

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

Course Objective(s):

This course is intended to introduce students about the causes and historical background of warfare. The aim is to make the students understand the main causes and the principles of war. It also provides opportunity to the students to understand about 20th century war and revolution in military affairs. It also elucidates the students on new forms of warfare in the present day context.

Course Learning Outcomes (CLOs):

- CLO:1-** Students will benefit from the course by having a thorough understanding of the definition, meaning, and fundamental ideas of war, its causes, and its core principles.
- CLO:2-** The students will be familiar with the types of warfare and their distinct typologies, tactics, and features.
- CLO:3-** Additionally, the students will be able to compare and contrast the ideas of traditional warfare and modern warfare.
- CLO:4-** Students will gain a thorough understanding of the concept and theories of hybrid warfare/fourth-generation warfare in this course.

Teaching Scheme (Sessions)*				Total (L+T+P)	Examination Scheme			
Unit	L	T	P		CIA	MSE	ESE	Total Marks
I	06	02	0	08	25 Marks	25 Marks	50 Marks	100 Marks
II	09	06	0	15				
III	08	04	0	12				
IV	10	05	0	15				
V	07	03	0	10				
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks

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Course Contents	
Unit I:	Evolution of Warfare: Conceptual Aspects
	<ul style="list-style-type: none"> • Concept and Meaning of War - historical development • Classical and Contemporary Causes of War • Principles of War and their importance
Unit II:	Warfare in the 20th Century
	<ul style="list-style-type: none"> • Guerrilla Warfare: Concept, Origin & fighting Techniques • Low Intensity Conflict (LIC): Meaning and Objectives • Total, Limited & Modern War – Nature, concept and features
Unit III:	Revolution in Military Affairs
	<ul style="list-style-type: none"> • Role of Drone/Satellite/ UAV • Revolution in Military Affairs - background • Components of RMA, Network War and RMA
Unit IV:	New Forms of Warfare
	<ul style="list-style-type: none"> • Hybrid War/Fourth Generation Warfare • Information and Cyber Warfare • Conflicts of Environment, War over Water, Energy and Resources
Unit V:	Case Studies
	<ul style="list-style-type: none"> • Conflicts: India-Pakistan and India-China • Case Studies on Space Warfare-Cyber Warfare

Teaching - learning process

Teaching methods, guided by such a framework, may include:

- lectures supported by group tutorial work;
- the use of prescribed textbooks and e-learning resources and other self-study materials;
- activities designed to promote the development of generic/transferable and subject-specific skills;
- Internship and visits to field sites, and industrial or other research facilities etc.

Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- time-constrained examinations; closed-book and open-book tests;
- observation of practical skills; individual project reports (case-study reports);
- team project reports; oral presentations, including seminar presentation;
- Pedagogic approaches as per the context.

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Baldwin, David(1997), "The Concept of Security", Review of International Studies.
2. Carl Clausewitz, (2003), "On War", Penguin, UK
3. Jack S. Levy, William R. Thompson (2011), "Causes of War", John Wiley & Sons
4. Karan, Vijaya (1997), *War by Stealth: Terrorism in India*, New Delhi: Penguin Books
5. Martin Van Creveld (2017), *More on War.*, Oxford University Press, New York.
6. P K Mallick (2009), "Principles of War: Time for Relook", KW Publishers in association with Centre for Land Warfare Studies, New Delhi
7. P.W. Singer (2014), Allan Friedman (ed), *Cyber security and Cyber war: What Everyone Needs to Know*, Oxford University Press
8. Pant, Harsh V (2016), *Handbook of Indian Defence Policy: Themes, Structures and Doctrines*. Abingdon, Routledge.
9. Torpey, John, and David Jacobson (2016), *Transformations of Warfare in the Contemporary World*. Philadelphia, Temple University Press.
10. William S. Lind, (2016), "4Th Generation Warfare Handbook", Castalia House

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M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.:

Course Title: India's Neighborhood Policy

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04 (L-03, T-01, P-0)
Maximum Marks: 100

Course Objective(s):

The course aims to introduce the students the geo-political and geo-strategic analysis of India and its neighbors. It informs the students about India's relations with her neighboring countries; and it also discusses issues of conflicts between India and her neighboring nations

Course Learning Outcomes (CLOs):

- CLO:1-** The students will be able to analyse the root causes of conflicts between India and Pakistan with a scrutiny of events that led to the beginning of the same.
- CLO:2-** Students shall understand the loopholes in India's relations with China and shall also be able to analyse the prospects of cooperation between these two countries.
- CLO:3-** The students will know the basics of India-Sri Lanka and India-Bangladesh conflicts with historical facts/events and may be able to come out with ideas/possibilities to improve relations with these.
- CLO:4-** The students will get information on India's different types of relations with Bhutan, Maldives and Nepal and prospects of cooperation among these.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks
I	8	4	0	12		25 Marks	25 Marks	50 Marks	100 Marks
II	8	4	0	12					
III	8	4	0	12					
IV	8	4	0	12					
V	8	4	0	12		25 Marks	25 Marks	50 Marks	100 Marks
	40	20	00	60					

Course Contents	
Unit I:	Introduction <ul style="list-style-type: none"> Geo-political analysis of India and Its Neighbours India's cultural and historical links with its neighbours Issues of Divergence and Convergence
Unit II:	India and Pakistan <ul style="list-style-type: none"> Historical Background of Kashmir Crisis Genesis of India Pakistan Relations Issues of conflict – Siachen, Sir Creek, River water
Unit III:	India and China <ul style="list-style-type: none"> Genesis of India-China relations Boundary Dispute Prospects of Confidence Building Measures and Cooperation between India and China
Unit IV:	India, Sri Lanka and Bangladesh <ul style="list-style-type: none"> Historical Background of India and Sri Lanka Relations Ethnic Conflicts and Tamil Militancy Birth of Bangladesh (1971) Contentious issues – Farakka Barrage, Teen Bigha Corridor, Illegal Migration
Unit V:	Bhutan, Maldives and Nepal <ul style="list-style-type: none"> India and Bhutan relations India and Maldives relations India and Nepal relations

Teaching - learning process

- the use of prescribed available textbooks and e-learning resources and other self-study materials;
- discussion based tutorials to clarify concepts and ideas
- individual or team-based open-ended based learning
- lectures delivered by eminent experts from different institutions on topic of interest related to course
- interaction with eminent experts from different fields including academia, defence personnel and researchers

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Assessment methods

- time-constrained examinations;
- closed-book and open-book tests;
- written assignments;
- oral tests and presentations, including seminar presentation;
- peer and self assessment

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

11. Asthana, N.C. (2016) National Security and Global Strategic Issues, Pointer Publisher: Jaipur
12. Balcerowicz, Piotr & Kuszewska, Agnieszka (2021), Kashmir in India and Pakistan Policies: The Policies of India and Pakistan vis-à-vis Jammu and Kashmir, Routledge: New York
13. Bose, Sumantra (2021), Kashmir at the Crossroad: Inside a Twenty-First-Century Conflict, Yale University Press: Yale
14. Budania, Rajpal (2001), India's National Security Dilemma: The Pakistan Factor and India's Policy Response, New Delhi: Indus Publications
15. Kamal, Kajari (2022), Kautilya's Arthashastra Strategic Cultural Roots of India's Contemporary Statecraft, Routledge: India
16. Khanna, V. N., & Kumar Leslie (2018), Foreign Policy of India, Vikas Publishing House: New Delhi
17. Mallemi, Samatha (2021), India-Sri Lanka Relations: Is It Time for Reorientation of Policy?, KW Publishers: New Delhi
18. S., Liyanage (2011), Perspectives on India-Sri Lanka Relations, Manak Publications: New Delhi
19. Roy, Meenu (2010), "India and Her Sub-Continent Neighbours: New Patterns of Relationship", New Delhi: Deep & Deep Publications
20. Roberts, Sean R. (2020), The War on the Uyghurs: China's Internal Campaign Against a Muslim Minority, Princeton University Press: Princeton

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OPEN ELECTIVE COURSES

(Any Two out of Three Course)

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.: MNSS20001T
Course Title: Indian Military History
Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04 (L-03, T-01, P-0)
Maximum Marks: 100

Course Objective(s):

The study of military history is significant as it exclusively prepares a country for a well-known next battle by revealing the lessons learnt in the past conflicts and builds relations with other countries accordingly. The course 'India's Military History' is a base course which introduces the students with the military culture of India. It informs the students about the development occurred in the warfare in India while discussing important battles in ancient and medieval India.

Course Learning Outcomes (CLOs):

- CLO:1-** After studying this, the students shall get knowledge about the warfare in the ancient period. They will become acquaintance with the strategy and war tactics of Mauryan and Gupta military systems.
- CLO:2-** The students will understand the structure of military system of Rajput and Mughals along with their weapon system and art of war.
- CLO:3-** Students shall become aware of the significance of Shivaji in Maratha dynasty and the Maratha navy under Kanhoji Angre.
- CLO:4-** This will enable students to know the rise of Sikhism, Maharaja Ranjit singh's military organisation, Sikh encounters with British forces under Anglo-Sikh wars.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks
I	10	2	0	12	25 Marks	25 Marks	25 Marks	50 Marks	100 Marks
II	8	4	0	12					
III	8	4	0	12					
IV	8	4	0	12					
V	8	4	0	12					
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks	

Course Contents	
Unit I:	Evolution of Military System in India
	<ul style="list-style-type: none"> • Alexander's Invasion of India with Reference to Battle of Hydaspes 326 B.C. • Military system of Mauryas - Kautilya's role in structuring war, peace, forts, espionage during Mauryan empire • Guptas Empire - introduction to Gupta rulers and their military system
Unit II:	Military System of Rajputs
	<ul style="list-style-type: none"> • Military System of Rajput • Battles of Tarain – 1191 AD and 1192 AD • Rise and Fall of Rajput Dynasty
Unit III:	Military Organisation of Mughals
	<ul style="list-style-type: none"> • Mughal Invasion of India with special reference to the battle of Panipat 1526 AD • Military System of Mughals under Akbar with special reference to Mansabdari system • Decline of Mughal Dynasty
Unit IV:	Maratha Military System
	<ul style="list-style-type: none"> • Shivaji as father of Guerrilla Warfare • Organisation of Maratha Military System under Shivaji • Maratha Navy under Shivaji
Unit V:	Military System of Sikhs
	<ul style="list-style-type: none"> • Organisation of Sikh Army Under Maharaja Ranjit Singh • Anglo-Sikh Wars – Battle of Ferozeshah 1845 and Chillianwala 1849 • Battle of Saragarhi

Teaching - learning process

- The use of prescribed available textbooks and e-learning resources and other self-study materials;
- individual or team-based open-ended based learning
- lectures delivered by eminent experts from different institutions on topic of interest related to course

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Assessment methods

- time-constrained examinations;
- closed-book and open-book tests;
- written assignments;
- oral tests and presentations, including seminar presentation;
- peer and self assessment

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.

Reference/Suggested Readings

1. Das, S. T. (1969), "Indian Military- Its History & Development", Delhi: Sagar Publications
2. Foster, Edward Morgan (2005), "A Passage to India", New Delhi: Penguin
3. Fuller, J. F. C. (1960), "Generalship of Alexander the Great", New Delhi: Da Capo Press
4. Kincaid, Dennis (2015), Shivaji the Great Rebel, Delhi: Rupa Publications
5. Mahajan, VD (2022), History of Medieval India- Sultanate Period to Mughal Period, New Delhi: S Chand Publishers
6. Richards, John (1995), The Mughal Empire, Cambridge: Cambridge University Press
7. Sagoo, Harjit Singh & Cummins, Antony (2016), The Lost Warfare of India: An Illustrated Guide, California: Create space Independent Publications
8. Sandhu, Gurcharn Singh (2000), "A Military History of Ancient India", New Delhi: Vision Books
9. Sarkar, Jadunath (2022), "Military History of India", New Delhi: Life Span Publishers & Distributors
10. Sidhu, Amarpal (2010), "The First Anglo-Sikh War", New Delhi: Ambereley Publishing

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M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Course Title: Energy and Environmental Security

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

Course Objective(s):

The aim is to make the students understand the Concept of Security during post cold war period. The subject also explains about the emergence of Notion of Comprehensive Security and its aspects like Political, Social, Economical, Environmental, Energy Security and Human Security. The course will also introduce and enrich the students on debate and case studies related to Non-Traditional Security threats faced by the nations.

Course Learning Outcomes (CLOs):

- CLO:1-** The course will describes how the idea of comprehensive security came to be, which will focus on security issues that are not military in nature, notably those relating to the environment and energy.
- CLO:2-** Students will understand the concept of environmental security and its impact on natural resources.
- CLO:3-** The course will educate the students on various resource conflicts based on water, Energy, etc.
- CLO:4-** Students will discuss with case studies on both interstate and intrastate conflicts over recourse sharing.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks
I	06	02	0	08	25 Marks	25 Marks	50 Marks	100 Marks	
II	08	06	0	14					
III	08	04	0	12					
IV	10	06	0	16					
V	08	02	0	10					
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks	

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Course Contents	
Unit I:	Introduction
	<ul style="list-style-type: none"> • Concept of National Security/Security Debate • Environmental Security-Concept, Meaning, Definition • Relation to Comprehensive Security.
Unit II:	Environment - Security Nexus
	<ul style="list-style-type: none"> • Effect of Environment on Security • Impact of war making on Environment • Perceptive of Thomas Homer Dixon and Norman Meyers
Unit III:	Energy Security and Environment
	<ul style="list-style-type: none"> • Types of Energy Resources • Energy Security Debate in International Relations • Energy Security in India
Unit IV:	Various Environmental Threats and Threat Assessment
	<ul style="list-style-type: none"> • Climate Change/Global Warming • Water Disputes and effects of hazardous waste on environment. • Environmental Threats-Emerging Trends/ Maritime Environment
Unit V:	Environmental Issues and International Initiatives
	<ul style="list-style-type: none"> • Inter-State and Intra-State Issues in South Asia • UNO (UNEP, UNDP) • EU, SAARC, ASEAN and other groupings

Teaching - learning process

Teaching methods, guided by such a framework, may include:

- lectures supported by group tutorial work;
- the use of prescribed textbooks and e-learning resources and other self-study materials;
- activities designed to promote the development of generic/transferable and subject-specific skills;

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Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- time-constrained examinations; closed-book and open-book tests;
- Problem based assignments; team project reports; oral presentations, including seminar presentation; Pedagogic approaches as per the context.

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings

1. Ashok Sharma (2021), *India's Pursuit of Energy Security: Domestic Measures, Foreign Policy and Geopolitics*. Los Angeles, Sage.
2. Barnett, Jon (2001), *The Meaning of Environmental Security: Ecological Politics and Policy in the New Security Era*. New York, Zed Books.
3. Brahma Chellaney and Heela Najibullah (2007), "On the Frontline of Climate Change-International Security Implications", KAS Publications Series, New Delhi.
4. Emanul Nahar (2016) *Inter-State Conflicts and Contentious Issues in South Asia : Challenges and Prospects for SAARC*, Kalpaz, India Distributed By Gyan Books Pvt. Ltd, Delhi.
5. Lanier-Graham, Susan D (1993), *The Ecology of War: Environmental Impacts of Weaponry and Warfare*. New York, Walker.
6. Mazo, Jeffrey (2010), *Climate Conflict: How Global Warming Threatens Security and What to Do about It*. New York, Routledge.
7. N.C. Narayanan Ed. (2008), "State, Natural Resources Conflict and Challenges to Governance", Academic Foundation Publishers in Association with Institute of Rural Management, New Delhi.
8. Narottam Gaan (2008), "Climate Change and International Politics", Kalpaz Publications, New Delhi, 2008.
9. Sushil Kr. Sharma (2006), "Environment and Use of Natural Resources", Mahaveer & Sons Publications, New Delhi.
10. Thomas Homer-Dixon (1999), *Environment, Scarcity, and Violence* (Princeton, New Jersey: Princeton University Press.

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M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.:

Course Title: Space Security & Technology

Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs

Credit: 04 (L-03, T-01, P-0)

Maximum Marks: 100

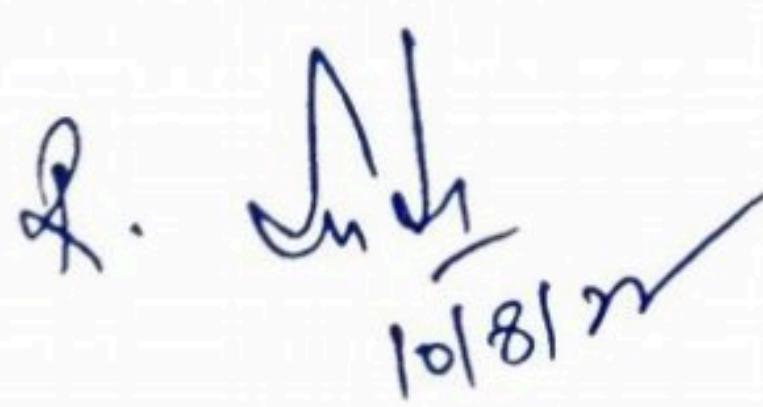
Course Objective(s):

- To familiarise students with Space Security and Technology practices
- To impart holistic approach to India's Space Security and Technology needs
- To enable them critically look at Space military technologies and architecture

Course Learning Outcomes (CLOs):

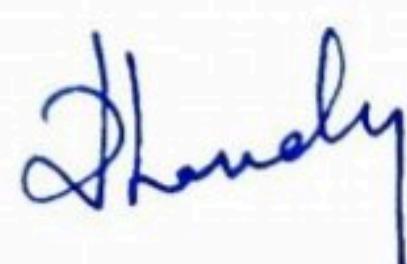
CLO:1-	Ability to define and conceptualise space security and space technology development from Indian perspectives
CLO:2-	Understand and explain the nature and characteristics of space militarization, space weaponization and space-based warfare
CLO:3-	Critically analyse the evolving (Industry 4.0/Space 2.0) space technology requirements of national security
CLO:4-	Examine the existing space forces and their co-operative and belligerent interactions

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks
I	4	4		8	25 Marks	25 Marks	50 Marks	100 Marks	
II	10	4		14					
III	12	4		16					
IV	10	4		14					
V	4	4		8					
	40	20	00	60	25 Marks	25 Marks	50 Marks	100 Marks	

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Course Contents

Unit - I	<ul style="list-style-type: none">• Concepts, Theories and History of Space Security• Cold War, Space Race and International Relations• International and Multilateral space security norms
Unit - II	<ul style="list-style-type: none">• Satellites, C4ISR and evolution of anti-satellite weapons• Space-based assets in network-centric and informationized fourth-generation warfare• Role of space-based assets in expeditionary operations
Unit - III	<ul style="list-style-type: none">• Introduction to various global space security architectures• Role of Industry 4.0 technology ecosystems within and outside military ambit• Differentiation between civilian, commercial and military space systems
Unit - IV	<ul style="list-style-type: none">• India's space security – necessities and challenges• Utility of space-based assets for the three forces• Space 2.0 and role of the Defence Space Agency
Unit - V	<ul style="list-style-type: none">• Logistics, R&D, operations of military space systems• Threats to military space systems• Table-top space war gaming exercise•

Teaching - learning process

- Lectures supported by tutorial work;
- The use of prescribed textbooks and e-learning resources and other self-study materials are made available in MOODLE platform;
- Open-ended term-paper work, some of which may be team-based;
- Activities designed to promote the development of generic/transferable and subject-specific skills such as creative thinking, analytical writings.
- Field visits to Border areas/out posts to get an first-hand experience

Assessment methods

Progress towards achievement of learning outcomes may be assessed using the following:

- Continuous Internal Assessment (CIA) including Unit wise discussions/seminars or tests
- Mandatory Term-paper/assignments; Book review and oral presentation and written submission of the review; Seminar oral presentation using PPT; Time constrained closed-book examinations –Mid-semester and End-semester

J. Singh 10/8/22
A. M. 10/8/22 73
R. Singh 10/8/22
H. Singh

Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. *A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.*

Reference/Suggested Readings/Web links

1. <https://www.routledge.com/Space-Warfare-in-the-21st-Century-Arming-the-Heavens/Johnson-Freese/p/book/9781138693883>
2. <https://link.springer.com/referencework/10.1007/978-3-030-23210-8>
3. <https://www.routledge.com/India-in-the-Second-Space-Age-of-Interplanetary-Connectivity/Giri/p/book/9780367678517>
4. <https://www.amazon.in/War-Space-Strategy-Spacepower-Geopolitics/dp/1474450482>
5. https://idsa.in/jds/7_1_2012_DecodingtheInternationalCodeofConduct_HarshVPant
6. <https://link.springer.com/book/10.1007/978-1-4419-0880-3>

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SKILL ENRICHMENT/VALUE ADDITION COURSE

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Contact Hrs. /Week: 2 Hrs.

Course Title: Digital Forensics & Cyber Security

Credit: 02 (L-01, T-01, P-0)

Duration of Examination: 2 Hrs.

Marks: 50

Course Objective(s)

- Familiarise students to basics of Digital forensics and Cyber Security
- Expose them to various forensics tools and testing techniques
- Enable them to understand role of digital forensics in cyber security

Course Learning Outcomes (CLOs)

CLO:1- Define Cyber Security and Digital Forensic

CLO:2- Ability to use open sources software tools for testing and examining digital records

Teaching Scheme (Sessions)					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	TOTAL MARKS
I	15	5	0	20	12.5	12.5	25	50	
II	15	5	0	20					
Total	30	10	0	40	12.5 Marks	12.5 Marks	25 Marks	50 Marks	

Course Contents	
Unit I:	Digital Forensics
	<ul style="list-style-type: none"> • Digital Forensics-Meaning and Definition • Forensics examinations and digital evidences • Digital forensics tools and testing • Data mining and Case analysis
Unit II:	Cyber Security
	<ul style="list-style-type: none"> • Cyber Security: Meaning and Definition. • Information, Data & Cyber Security. • Cyber Terrorism • Non-State Actors in Cyber Domain • Cyber Law India

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Dr. Shankar
10/8/22

10/8/22

© Dr. 10/8/22

Shankar

Teaching and Learning Process:

- Blended mode of learning.
- Unit wise e-content shall be available to the students in MOODLE platform.
- Essential readings are must before the lecture.
- Seminars, student presentation, group discussion and case studies shall be used as part of the pedagogy. Guest lectures, simulation exercise conducted during the tutorial.

Assessment Methods:

Progress towards achievement of learning outcomes may be assessed using the following:

- Continuous Internal Assessment (CIA) including Unit wise discussions/seminars or tests
- Mandatory Term-paper/assignments;
- Book review and oral presentation and written submission of the review;
- Seminar oral presentation using PPT,
- Time constrained closed-book examinations –Mid-semester and End-semester.

Attendance Required:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75 % attendance is must failing which student may not be permitted to appear in the examination.

References /Suggested Readings

1. Kaur, R., & Kaur, A. (2012). Digital forensics. *International Journal of Computer Applications*, 50(5).
2. Sigholm, J. (2013). Non-state actors in cyberspace operations. *Journal of Military Studies*, 4(1), 1-37.
3. Egloff, F. J. (2018). *Cybersecurity and non-state actors: a historical analogy with mercantile companies, privateers, and pirates* (Doctoral dissertation, University of Oxford).
4. Sarmah, A., Sarmah, R., & Baruah, A. J. (2017). A brief study on Cyber Crime and Cyber Laws of India. *International Research Journal of Engineering and Technology (IRJET)*, 4(6), 1633-1640.
5. Gogolin, G. (Ed.). (2021). *Digital Forensics Explained* (2nd ed.). CRC Press.
6. Sammons, J. (2012). *The basics of digital forensics: the primer for getting started in digital forensics*. Elsevier.
7. Casey, E. (2011). *Digital evidence and computer crime: Forensic science, computers, and the internet*. Academic press.
8. Azzalini, A., & Scarpa, B. (2012). *Data analysis and data mining: An introduction*. OUP USA.
9. Roman, R. F. M., Mora, N. M. L., Vicuña, J. P. N., & Orozco, J. P. (2016). Digital forensics tools. *International Journal of Applied Engineering Research*, 11(19), 9754-9762.
10. Cavelti, M. D. (2010). Cyber-security. In *The routledge handbook of new security studies* (pp. 154-162). Routledge.

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

AUDIT COURSE

**MOOCs available on the SWAYAM / NPTEL / Edx
Coursera Platforms**

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Detailed Course Contents

SEMESTER IV

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Course Title: Dissertation/Internship/Project

Contact Hrs. /Week: 2 Hrs.
Credit: 12
Marks: 300

CORE COURSE

Dissertation/Internship/Project

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Or
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Shandy

OPEN ELECTIVE COURSES

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.:

Course Title: Disaster Management in India
Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04 (L-03, T-01, P-0)
Maximum Marks: 100

Course Objective(s):

The objectives of the course are: to introduce students to the basic concepts and types of disasters – both natural and manmade and its impact on living beings; and also to enable the students to know about the institutional mechanism for disaster management and mitigation in India.

Course Learning Outcomes (CLOs):

- CLO:1-** After studying the course, the students shall come to know about the concepts of disaster studies. They shall understand about both natural and manmade disasters and can focus on the broader outline of natural and manmade disasters.
- CLO:2-** The students shall understand different stages of disaster management and the role of different forces pre, post and during disaster
- CLO:3-** After undergoing through this course, the students shall comprehend the disaster management structure, policy and funding mechanism in India.
- CLO:4-** The students shall grasp a knowledge on different disasters occurred in the past with the help of case studies. It will also enable students to figure out the loopholes in handling disasters at different stages.

Teaching Scheme (Sessions)*					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	Total Marks
I	10	2	0	12	25 Marks	25	25	50 Marks	100 Marks
II	8	4	0	12					
III	9	3	0	12					
IV	8	4	0	12					
V	5	7	0	12		25 Marks	25 Marks	50 Marks	100 Marks
	40	20	00	60					

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R. Jhunjhunwala
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Course Contents	
Unit I:	Introduction
	<ul style="list-style-type: none"> • Meaning and Concept of Disaster Studies • Natural Disaster – Flood, Cyclones, Landslides, Avalanches, Earthquakes • Man-made Disaster – Chemical, Nuclear, Biological and Industrial Disasters, War
Unit II:	Disaster Management – concept, significance and stages
	<ul style="list-style-type: none"> • Concept and Significance of Disaster Management • Elements and objectives of Disaster Management • Disaster Planning/ Preparedness, Emergency Response and Mitigation, Recovery, Relief and Reconstruction
Unit III:	Role of Armed Forces in Disaster Management in India
	<ul style="list-style-type: none"> • Role of Armed Forces in disaster response • Role of NDRF with Armed Forces • Central and State Government's role • Role of Non-Governmental Organizations
Unit IV:	India's National Disaster Management Authority
	<ul style="list-style-type: none"> • Role of National Disaster Management Authority • National Disaster Management Policy-Principles • Disaster Funding Mechanism in India
Unit V:	Case Studies of Disaster
	<ul style="list-style-type: none"> • Hiroshima and Nagasaki • India – Bhopal Gas Tragedy, Gujarat Earthquake 2001, Tsunami 2004, Uttrakhand Floods, J&K Flood • Chernobyl and Fukushima

Teaching - learning process

- individual or team-based open-ended based learning
- the use of prescribed available textbooks and e-learning resources and other self-study materials;
- discussion based tutorials to clarify concepts and ideas
- interaction with eminent experts from different fields including academia, defence personnel and researchers

Assessment methods

- time-constrained examinations; closed-book and open-book tests;
- written assignments;
- oral tests and presentations, including seminar presentation;
- peer and self assessment

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Attendance Requirements:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75% attendance is a must, failing which a student may not be permitted to appear in examination.

Reference/Suggested Readings

1. Brebbia, C. A. (2018). Disaster Management., WIT Press: United Kingdom
2. Coppola, Damon P. (2015), Introduction to International Disaster Management, Butterworth-Heinemann
3. Elliott, David (2013), Fukushima: Impacts and Implications, New York: Palgrave MacMillan
4. Guiberson, Brenda Z. (2010), Disasters: Natural and Man-Made Catastrophes Through the Centuries, Henry Holt and Company (BYR), New York
5. Gupta, Harsh K. (2003), Disaster Management, Hyderabad: University Press
6. Hostiuc F., Turmus E.K.(2022), Enhancing Capabilities for Crisis Management and Disaster Response, Springer: Netherlands
7. Kanga S., Meraj G., and others(2022), Disaster Management in the Complex Himalayan Terrains: Natural Hazard Management, Methodologies and Policy Implications, Springer Nature Press: Berlin, Germany
8. Lanclos R., Artz M. (2021), Dealing with Disasters: GIS for Emergency Management; ESRI, Incorporated, Redlands, California
9. Liu, Zhi and Ota, Kaoru (2018), Smart Technologies for Emergency Response and Disaster Management, IGI Global, USA
10. Singh, Prakash (2011), Disaster Response in India, Books Express Publishing

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L. J. S.
10/28/22

10/28/22

Handy

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course No.:
Duration of Examination: 3 Hrs

Contact Hrs/Week: 4 Hrs
Credit: 04
Maximum Marks: 100

OPEN ELECTIVE COURSE

MOOCs available on the SWAYAM/online Platforms

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SKILL ENRICHMENT/VALUE ADDITION COURSE

M.A., Course Syllabus-2022-23, 2023-24
Department of National Security Studies
Central University of Jammu

Course Code:

Contact Hrs. /Week: 2 Hrs.

Course Title: Introduction to Intelligence Studies

Credit: 02 (L-01, T-01, P-0)

Duration of Examination: 2 Hrs.

Marks: 50

Course Objective(s)

- Introduce students to the field of Intelligence Studies
- Understand Foreign and Indian Intelligence Community
- Analyse domestic and international case studies on Intelligence and Counterintelligence

Course Learning Outcomes (CLOs)

On Completion of the course, students are able to:-

CLO:1- Define Intelligence and Counterintelligence and Basic Knowledge about functioning of various Intelligence Communities

CLO:2- Understanding about Intelligence disciplines and cycles

Teaching Scheme (Sessions)					Total (L+T+P)	Examination Scheme			
Unit	L	T	P	C		CIA	MSE	ESE	TOTAL MARKS
I	15	5	0	20		12.5	12.5	25	50
II	15	5	0	20					
Total	30	10	0	40		12.5 Marks	12.5 Marks	25 Marks	50 Marks

Course Contents

Unit I:	Intelligence Overview
	<ul style="list-style-type: none"> • What is intelligence? • Intelligence Community (IC) in India - A Historical study • The Collection Disciplines/Intelligence Cycle • Indian IC case studies from recent history
Unit II:	Foreign Intelligence and Counterintelligence
	<ul style="list-style-type: none"> • Foreign Intelligence - ISI, CIA, Ministry of State Security (MSS) China, Foreign Intelligence Service (SVR) Russia, Mossad (Israel) • Counterintelligence and India's National Security • Intelligence and India's National Security - Terrorism and Counterterrorism

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Antibiotic

L. Jhunjhunwala

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Teaching and Learning Process:

- Blended mode of learning.
- Unit wise e-content shall be available to the students in MOODLE platform.
- Essential readings are must before the lecture.
- Seminars, student presentation, group discussion and case studies shall be used as part of the pedagogy.
- Guest lectures, simulation exercise conducted during the tutorial.

Assessment Methods:

Progress towards achievement of learning outcomes may be assessed using the following:

- Continuous Internal Assessment (CIA) including Unit wise discussions/seminars or tests
- Mandatory Term-paper/assignments;
- Book review and oral presentation and written submission of the review;
- Seminar oral presentation using PPT
- Time constrained closed-book examinations –Mid-semester and End-semester.

Attendance Required:

Students are expected to attend all lectures in order to be able to fully benefit from the course. A minimum of 75 % attendance is must failing which student may not be permitted to appear in the examination.

References /Suggested Readings

1. Chengappa, B. M. (2000). The ISI role in Pakistan's politics. *Strategic Analysis*, 23(11), 1857-1878.
2. Eftimiades, N. (1993). China's ministry of state security: Coming of age in the international arena. *Intelligence and National Security*, 8(1), 23-43.
3. Garge, R. (2020). Intelligence Transformation in Evolving Internal Security Scenario of India. In *National Security of India and International Law* (pp. 51-73). Brill Nijhoff.
4. Hulnick, A. S. (2006). What's wrong with the Intelligence Cycle? *Intelligence and national Security*, 21(6), 959-979.
5. Johnson, L. K. (Ed.). (2010). *The Oxford handbook of national security intelligence*. Oxford University Press.
6. Lowenthal, Mark M. (2017). Intelligence: From Secrets to Policy
7. Manickam, R. N. (2000). *Security, Espionage and Counter Intelligence* (p. 132). Manas.
8. Raman, B. (2002). *Intelligence: Past, present & future*. Lancer Publishers.
9. Scott, L., & Jackson, P. (2004). The study of intelligence in theory and practice. *Intelligence & National Security*, 19(2), 139-169.
10. Shaffer, R. (2018). Indian intelligence revealed: an examination of operations, failures and transformations. *Intelligence and National Security*, 33(4), 598-610. DOI: <https://doi.org/10.1080/02684527.2017.1327135>

D. S. 10/21/22
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