



॥ सा विद्या या विमुक्तये ॥

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

'ज्ञानतीर्थ', विष्णुपुरी, नांदेड - ४३१ ६०६ (महाराष्ट्र राज्य) भारत

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

'Dnyanteerth', Vishnupuri, Nanded - 431 606 (Maharashtra State) INDIA

Established on 17th September, 1994, Recognized By the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'B++' grade

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मानवविज्ञान विद्याशाखे अंतर्गत राष्ट्रीय शैक्षणिक धोरणा-२०२० नुसार पदवी तृतीय वर्षाचे अभ्यासक्रम शैक्षणिक वर्ष २०२६-२७ पासून लागू करण्याबाबत.

परिपत्रक

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, दिनांक २२ एप्रिल, २०२६ रोजी संपन्न झालेल्या मा. विद्यापरिषदेच्या बैठकीतील विषय क्र. ०९/६४-२०२६ च्या ठरावानुसार मानवविज्ञान विद्याशाखेतील राष्ट्रीय शैक्षणिक धोरण-२०२० नुसार बी.ए. पदवी तृतीय वर्षाचे अभ्यासक्रम (Syllabus) शैक्षणिक वर्ष २०२६-२७ पासून लागू करण्यास मा. विद्यापरिषदेने मान्यता प्रदान केली आहे. त्यानुसार मानवविज्ञान विद्याशाखेतील खालील अभ्यासक्रम शैक्षणिक वर्ष २०२६-२७ पासून लागू करण्यात येत आहेत

01) B.A.T.Y. Economics Syllabus	9) B.A. T.Y. Pali
02) B.A. T.Y. English	10) B.A. T.Y. Public Administration
03) B.A. T.Y. Geography	11) B.A. T.Y. Military Science
04) B.A. T.Y. History	12) B.A. T.Y. NCC
05) B.A. T.Y. Marathi	13) B.A. T.Y. Administrative Services
06) B.A. T.Y. Political Science	14) B.A. T.Y. Sanskrit
07) B.A. T.Y. Sociology	15) B.A. T.Y. Sociology (NMDC Hingoli)
08) B.A. T.Y. Urdu	

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या www.srtmun.ac.in या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी, ही विनंती.

'ज्ञानतीर्थ' परिसर,
विष्णुपुरी, नांदेड - ४३१ ६०६.

जा.क्र.:शैक्षणिक-१ / परिपत्रक / एनईपी / मानवविज्ञान / २०२६-२७ /
दिनांक : १७.०६.२०२६

आपला विश्वासू

सहाय्यक कुलसचिव

शैक्षणिक-१ अभ्यासमंडळे विभाग

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा.कुलगुरु महोदयांचे कार्यालय, प्रस्तुत विद्यापीठ
- २) मा.प्र.कुलगुरु महोदयांचे कार्यालय, प्रस्तुत विद्यापीठ
- ३) मा. अधिष्ठाता, मानवविज्ञान विद्याशाखा, प्रस्तुत विद्यापीठ.
- ४) मा. संचालक, परीक्षा व मूल्यमापन मंडळ यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- ५) मा. प्राचार्य/संचालक, सर्व संबंधित संलग्नित महाविद्यालये, प्रस्तुत विद्यापीठ.
- ६) सिस्टम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ यांना देवून कळविण्यात येते की, सदरील परिपत्रक विद्यापीठाच्या संकेतस्थळावर प्रसिध्द करण्यात यावे.



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**SWAMI RAMANAND TEERTH
MARATHWADA UNIVERSITY, NANDED - 431 606**



**(Structure and Syllabus of Four Years Multidisciplinary Degree
Program with Multiple Entry and Exit Option)**

UNDERGRADUATE PROGRAMME OF HUMANITIES

Major in DSC **Military Science**

**B.A. Third Year Syllabus
Under the Faculty of Humanities**

**Effective from Academic year 2026 – 2027
(As per NEP-2020)**

***Forward by the Dean,
Faculty of Humanities.....***

National Education Policy 2020 has been announced on 29.07.2020. NEP 2020 proposes a new and forward-looking vision for India's Higher Education System through quality universities and colleges. Its key is in the curriculum and its practical implementation.

The curriculum must be exciting, relevant, and regularly updated to align with the latest knowledge requirements and meet specified learning outcomes. High-quality pedagogy is necessary to impart the curricular material to students successfully; pedagogical practices determine the learning experiences provided to students, thus directly influencing learning outcomes. The assessment methods must be scientific, designed to improve learning continuously test the knowledge application.

The university's proper framing and development of syllabi will result in the upbringing and nourishment of multidisciplinary and holistic citizens. Emphasis is on outcome-based learning. Every course has well-defined objectives and outcomes. The assessment guidelines also provide clarity and precision to the vision behind prescribing the particular course content.

NEP foresees more vibrant, socially engaged, cooperative communities and a happier, cohesive, cultured, productive, innovative, progressive, and prosperous nation. The introduction of Research Methodology and ethics will widen the vision and broaden the perspectives of the learners.

Introducing Case Studies and Field Projects has created a unique opportunity for the higher education institute to bridge the gap between the academia, industry and the community NEP believes effective learning requires a comprehensive approach that involves an appropriate curriculum, engaging pedagogy, continuous formative assessment, and adequate student support.

We are sure that the Graduate centres of this university and its affiliated colleges will implement the course effectively and successfully, resulting in a healthy and more creative academic ambience.

Prof. Dr. Parag A. Khadke
Dean, Faculty of Humanities,

Swami Ramanand Teerth Marathwada University, Nanded.

From Desk of Chairman, Board of Studies in Military Science & NCC

Preamble:

The Military science education includes defence and strategic studies in India in general are expanding in manifolds. Now, the challenge is to ensure its quality to the stakeholders along with the expansion. To meet this challenge, the issue of quality needs to be addressed, debated and taken forward in a systematic manner. The major emphasis of this accreditation process is to measure the outcomes of the program that is being accredited. Program outcomes are essentially a range of skills and knowledge that a student will have at the time of graduation from the program. Military science is the study of military processes, institutions, and behavior, along with the study of warfare, and the theory and application of organized coercive force. It is mainly focused on theory, method, and practice of producing military capability in a manner consistent with national defense policy. Military science serves to identify the strategic, political, economic, psychological, social, operational, technological, and tactical elements necessary to sustain relative advantage of military force; and to increase the likelihood and favorable outcomes of victory in peace or during a war. Military scientists include theorists, researchers, experimental scientists, applied scientists, designers, engineers, test technicians, and other military personnel.

Military personnel obtain weapons, equipment, and training to achieve specific strategic goals. Military science is also used to establish enemy capability as part of technical intelligence. In military education, military science is often the name of the department in the education institution that administers officer candidate education. However, this education usually focuses on the officer leadership training and basic information about employment of military theories, concepts, methods and systems, and graduates are not military scientists on completion of studies, but rather junior military officers.

An Military science program must therefore have a mission statement which is in conformity with program objectives and program outcomes that are expected of the educational process. The outcomes of a program must be measurable and must be assessed regularly through proper feedback for improvement of the programmer. There must be a quality assurance process in place within the Institute to make use of the feedback for improvement of the programme. The curriculum must be constantly refined and updated to ensure that the defined objectives and outcomes are achieved. Students must be encouraged to comment on the objectives and outcomes and the role played by the individual courses in achieving them. In line with this Faculty of Humanities of Swami Ramanand Teerth Marathwada University Nanded has taken a lead in implementing the system through its affiliated institutes. Incorporating philosophy of outcome-based education in the process of curriculum development.

I, as Chairman, Board of Studies in Military science and NCC Swami Ramanand Teerth Marathwada University Nanded, happy to state here that, Program Educational Objectives were finalized in a meeting. The Program Educational Objectives finalized for undergraduate programme below;

- to create a human resource of organized , trained and motivational youth to provide leadership in all walks of life and be always available for the service of the nation.
- to provide a suitable environment to motivate the youth to take up a career in the Armed forces.
- to develop character, comradeship, discipline, leadership, secular outlook spirit of adventure and ideals of selfless service amongst the youth of the country.
- To introduce the internal and external security problems in India among the students and study the efforts made to solve those problems.
- To introduce the students about the situation at the international level and to create awareness among the students regarding international issues.

In addition to Program Educational Objectives, for each course of undergraduate program, objectives and expected outcomes from learner's point of view are also included in the curriculum to support the philosophy of outcome-based education. I believe strongly that small step taken in right direction will definitely help in providing quality education to the stakeholders.

Prof. Dr. Anand Ghan

Chairman,

BoS in Military Science & NCC

Swami Ramanand Teerth Marathwada University, Nanded

Swami Ramanand Teerth Marathwada University, Nanded



Members of the Board of Studies in Military Science & NCC

Under the faculty of Humanities

Sr No	Name of the Member	Designation	Address with mail id	Contact No.
1	<i>Dr. Ghan Anand Laxmikant</i>	<i>Chairman</i>	<i>Punyashlok Ahilyadevi Holkar college, Ranisawargaon</i> anandghan63@gmail.com	<i>9421176832, 8484991295</i>
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6	<i>Maj. Dr. Saraf P. P.</i>	<i>Member</i>	<i>Shri. Shivaji College, Parbhani</i> ppsaraf77@gmail.com	<i>9423444663</i>
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8	<i>Dr. Raysing Tushar</i>	<i>Member</i>	<i>Department of Defence and Strategic Studies, KBCNM Uuniversity, Jalgaon</i> tusharraysing1111@gmail.com	<i>8766655424</i>
9	<i>Dr. Nagargoje K. M.</i>	<i>Member</i>	<i>Panditguru Pardikar Mahavidhyalaya, Sirsala</i> kmnagargoje29@gmail.com	<i>9421292929</i>



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities (Major)

Structure for Four Year Multidisciplinary Degree Program with Multiple Entry and Exit

Subject: **MILITARY SCIENCE DSC (Major) /DSE (Major)**

Year & Level	Semester	Major (DSC)	Major Elective (DSE) Choose any one course	Generic Elective (GE) (Basket 3) <i>Select from Basket 3 of (Faculties other than Humanities)</i>	Vocational & Skill Enhancement Course	Ability Enhancement Course (AEC) (Basket 4) Value Education Courses (VEC) / Indian Knowledge System (IKS) (Basket 5) <i>(Common across faculty)</i>	Field Work / Project/ Internship/ OJT/ Apprenticeship / Case Study Or Co-curricular Courses (CC) (Basket 6 for CC) <i>(Common across faculty)</i>	Credits	Total Credits
1	2	3	4	5	6	7	8	9	10
3 (5.5)	V	HMILCT1301 (4Cr) (India's National Security) HMILCP1302 (4Cr) (Drill, Leadership and Fire Safety Management Practical) HMILCT1303 (4Cr) (Contemporary Study of War and Peace) 12 Credits	HMILET1301 (Geopolitics and Military Geography) OR HMILET1302 (Modern Warfare) 4 Credits	-----	HMILVC1301 (2Cr) (Advanced warfare Technology) 2 Credits	-----	HMILFP1301 Field Project 4 Credits	22	44
	VI	HMILCT1351 (4Cr) (India' National Security) HMILCP1352 (4Cr) (Road Safety and Traffic Management Practical) HMILCT1353 (2Cr) (Shivaji Maharaj as a Nation Builder) HMILIK1351 (2Cr) (Indian Knowledge system in warfare) 12Credits	HMILET1351 (Geopolitics and Military Geography) OR HMILET1302 (Modern Warfare) 4 Credits	-----	HMILVC1351 (2Cr) (Disaster Management and Civil Defence) 2 Credits	-----	HMILOJ1351 On the Job Training 4 Credits	22	
	Cum .Cr.	24	08	---	04	---	08		
<i>Exit option: UG Diploma in Major DSC on completion of 88 credits and additional 4 credits from NSQF / Internship</i>									

Abbreviations:

- 1. DSC:** Department/Discipline Specific Core (Major)
- 2. DSE:** Department/Discipline Specific Elective (Major)
- 3. DSM:** Discipline Specific Minor
- 4. GE/OE:** Generic/Open Elective
- 5. VSEC:** Vocational Skill and Skill Enhancement Course
- 6. VSC:** Vocational Skill Courses
- 7. SEC:** Skill Enhancement Courses
- 8. AEC:** Ability Enhancement courses
- 9. MIL:** Modern Indian languages
- 10. IKS:** Indian Knowledge System
- 11. VEC:** Value Education Courses
- 12. OJT:** On Job Training: (Internship/Apprenticeship)
- 13. FP:** Field Projects
- 14. CEP:** Community Engagement and Service
- 15. CC:** Co-Curricular Courses
- 16. RM:** Research Methodology
- 17. RP:** Research Project/Dissertation
- 18. CT:** Core Theory
- 19. CP:** Core Practical



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities

General Guidelines for course structure:

- 1) The Major subject is the discipline or subject of the main focus and the degree will be awarded in that discipline/subject.
- 2) Credits and curriculum for optional subjects are same in the first year
- 3) In the first year Students should choose three different subjects as optional subject in same faculty).
- 4) From the Second year curriculum of Major and Minor subject is the different and student have to select major and minor from three optional subjects.
- 5) Generic /Open Elective is to be chosen compulsorily from faculty other than that of the Major. (Select from Basket)
- 6) Vocational and Skill Enhancement Courses (VSEC or VSC and SEC) are related to Major Course (DSC)
- 7) Ability Enhancement Courses (AEC):
 - a) English language may be offered Sem. I for 2 Credits and sem. III for 2 Cr. in AEC
 - b) Second languages may be offered Sem. II for 2 Credits and sem. IV for 2 Cr. in MIL
- 8) Column No. 7 and 8 is common for all faculties.
- 9) Curriculum of VEC, COI, IKS and CCC will provide by university.

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Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE

Basket 1: Major(DSC)/(DSE) (Optional) course for Semester V and VI (C): Each of 04, 02 Credits

Semester	BOS		Details of Major (DSC), (DSE) Course	
			CODE	Title of the Course
Semester V	1. BOS in MIL	Major (DSC)	HMILCT1301	India's National Security
			HMILCP1302	Drill, Leadership and Fire Safety Management Practical
			HMILCT1303	Contemporary Study of War and Peace
		Major (DSE)	HMILET1301 OR HMILET1302	Geopolitics and Military Geography OR Modern Warfare
Semester VI	2. BOS in MIL	Major (DSC)	HMILCT1351	India's National Security
			HMILCP1352	Road Safety and Traffic Management Practical
			HMILCT1353	Shivaji Maharaj as a Nation Builder
			HMILIK1351	Indian Knowledge System in Warfare
		Major (DSE)	HMILET1351 OR HMILET1352	Geopolitics and Military Geography OR Modern Warfare



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in MILITARY SCIENCE

Vocational Skill Enhancement Course

Each BOS will suggest Vocational Skill Enhancement Course for semester V and VI

		CODE	Title of the Course
Sem V	BOS in MIL	HMILVC1301	Advanced warfare Technology
Sem VI	BOS in MIL	HMILVC1351	Disaster Management and Civil Defence



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE
Under Graduate Third Year Programme ,Semester V (Level 5.5)
Teaching Scheme

	Course Code	Course Name	Credits Assigned			Teaching Scheme (Hrs./ week 1 Hrs.=60 M.)	
			Theory	Practical	Total	Theory	Practical
Major (DSC)	HMILCT1301	India's National Security	04		04	04	
	HMILCP1302	Drill, Leadership and Fire Safety Management Practical	---	04	04	---	08
	HMILCT1303	Contemporary Study of War and Peace	04	---	04	04	---
Major (DSE)	HMILET1301 OR HMILET1302	Geopolitics and Military Geography OR Modern Warfare	04	---	04	04	---
Generic Electives	---	-----	---	----	----	---	---
Vocational & Skill Enhancement Course	HMILVC1301	Advanced Warfare Technology	02	---	02	02	---
Ability Enhancement Course /Languages	---	-----	---	----	----	---	---
Value Education Course (VEC)	---	-----	---	----	----	---	---
Co-curricular Courses/Community Engagement Services (CC) (Basket 6)	HMILFP1301	Field Project	04		04	04	---
Total Credits			18	04	22	18	08



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester VI (Level 5.5)
Teaching Scheme

	Course Code	Course Name	Credits Assigned			Teaching Scheme (Hrs./ week 1 Hrs.=60 M.)	
			Theory	Practical	Total	Theory	Practical
Major (DSC)	HMILCT1351	India's Internal Security	04		04	04	
	HMILCP1352	Road Safety and Traffic Management Practical		04	04		08
	HMILCT1353	Shivaji Maharaj as a Nation Builder	02		02	02	
	HMILIK1351	Indian Knowledge System in Warfare	02		02	02	
Major (DSC)	HMILET1351 OR HMILET1352	Geopolitics and Military Geography OR Modern Warfare	04		04	04	
Vocational & Skill Enhancement Course	HMILVC1351		02		02	02	
Ability Enhancement Course/ Languages	---	----	---	----	----	---	---
Value Education Course (VEC)	---	----	---	----	----	---	---
Co-curricular Courses/Community Engagement Services (CC) (Basket 6)	HMILOJ1351	On Job Training	04	--	04	04	--
Total Credits			18	04	22	18	08



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities Major in MILITARY SCIENCE
Under Graduate Third Year Programme, Semester V (Level 5.5)
Examination Scheme

[40% Continuous Assessment (CA) and 60% End Semester Examination (ESE)]

Subject (1)	Course Code (2)	Course Name (3)	Theory					Total Col. (7+8) / (09)
			Continuous Assessment (CA)			ESE		
			Test I (4)	Assignment (5)	Attendance (6)	Total Column no. 4+5+6 (7)	Total (8)	
Major (DSC)	HMILCT1301	India's National Security	20	12	08	40	60	100
	HMILCP1302	Drill, Leadership and Fire Safety Management Practical	20	12	08	40	60	100
	HMILCT1303	Contemporary Study of War and Peace	20	12	08	40	60	100
Major (DSE)	HMILET1301 OR HMILET1302	Geopolitics and Military Geography OR Modern Warfare	20	12	08	40	60	100
Vocational & Skill Enhancement Course	HMILVC1301	Advanced Warfare Technology	10	06	04	20	30	50
Co-curricular Courses/Community Engagement Services (CC) (Basket 6)	HMILFP1301	Field Project	20	12	08	40	60	100



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE
Under Graduate Third Year Programme, Semester VI (Level 5.5)
Examination Scheme

[40% Continuous Assessment (CA) and 60% End Semester Examination (ESE)]

Subject (1)	Course Code (2)	Course Name (3)	Theory					Total Col (7+8)] (9)
			Continuous Assessment (CA)				ESE Total (8)	
			Test I (4)	Test II (5)	Assignment (6)	Avg of T1+T2+Assi. /3 (7)		
Major	HMILCT1351	India's Internal Security	20	12	08	40	60	100
	HMILCP1352	Road Safety and Traffic Management Practical	20	12	08	40	60	100
	HMILCT1353	Shivaji Maharaj as a Nation Builder	10	06	04	20	30	50
	HMILIK1351	Indian Knowledge System in Warfare	10	06	04	20	30	50
Major	HMILET1351 OR HMILET1352	Geopolitics and Military Geography OR Modern Warfare	20	12	08	40	60	100
Vocational & Skill Enhancement Course	HMILVC1351	Disaster Management and Civil Defence	10	06	04	20	30	50
Co-curricular Courses/Community Engagement Services (CC) (Basket 6)	HMILQJ1351	On Job Training	20	12	08	40	60	100



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester V

Course Structure: Major DSC/ DSE/VSC/ FP

Teaching Scheme

(for 4 credits)

Course Code	Course Name (Paper Title)	Teaching Scheme (Hrs.)		Credits Assigned		
		Theory	CA	Theory	CA	Total
HMILCT1301	India's National Security	60	---	04	---	04
HMILCP1302	Drill, Leadership and Fire safety Management Practical	60	---	04	--	04
HMILCT1303	Contemporary Study of war and Peace	60	---	04	---	04
HMILET1301 (OR) HMILET1302	Geopolitics and Military Geography (OR) Modern warfare	60	---	04	---	04
HMILFP1301	Field Projects	60	---	04	---	04

(for 02 credits)

Course Code	Course Name (Paper Title)	Teaching Scheme (Hrs.)		Credits Assigned		
		Theory	CA	Theory	CA	Theory
HMILVC1301	Advanced Warfare Technology	30	---	02	--	02



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester V

Course Structure: Major DSC/ DSE/VSC/ FP

Assessment Scheme

(for 4 credits)

Course Code (2)	Course Name (3)	Theory					ESE	Total [C ol (7+8)
		CA						
		Test I (4)	Assignm ent (5)	Atten dance (6)	Total Column No. 4+5+6 (7)			
HMILCT1301	India's National Security	20	12	08	40	60	100	
HMILCP1302	Drill, Leadership and Fire safety Management Practical	20	12	08	40	60	100	
HMILCT1303	Contemporary Study of war and Peace	20	12	08	40	60	100	
HMILET1301 (OR) HMILET1302	Geopolitics and Military Geography (OR) Modern warfare	20	12	08	40	60	100	
HMILFP1301	Field Projects	20	12	08	40	60	100	
(for 02 credits)								
HMILVC1301	Advanced Warfare Technology	10	06	04	20	30	50	



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILCT1301, Title: India's National Security (Optional)
Curriculum Details

Course pre-requisite:

1. Basic understanding of political science and international relations
2. Awareness of current national and global issues
3. Interest in defence, security, and strategic studies

Course Objectives:

1. To develop a clear understanding of the concept, scope, and importance of National Security.
2. To analyze traditional and non-traditional security challenges affecting India.
3. To examine internal and external security problems and their impact on national stability.
4. To understand the concept and elements of National Power and their role in shaping a nation's strength.
5. To study the objectives and principles of India's Foreign Policy.
6. To evaluate the evolution of India's foreign and defence policies after 1947.
7. To create awareness about defence modernisation and self-reliance initiatives like Make in India.
8. To develop analytical skills to assess contemporary national and global security issues.

Course Outcomes:

After completing this course, students will be able to:

1. Explain the meaning, scope, and components of National Security.
2. Differentiate between traditional and non-traditional security threats.
3. Identify and critically analyze internal and external security challenges of India.
4. Describe the elements of National Power and their significance in global politics.
5. Understand and interpret India's Foreign Policy objectives and principles.
6. Analyze the changes in India's foreign and defence policies post-1947.
7. Evaluate the importance of military capability and modernization in national security.
8. Assess the role of initiatives like Make in India in defence sector development.
9. Develop critical thinking and problem-solving skills related to security and strategic studies.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILCT1301, Title: India's National Security (Optional)
Curriculum Details (for 04 Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		National Security	15
	1.1	Meaning and concept	
	1.2	Scope of National Security	
	1.3	Traditional and Non-Traditional Security	
	1.4	Comprehensive Security, National Interest	
2.0		National Security Problems	15
	2.1	Introduction	
	2.2	Internal Security Problems: Social, Political, Economical	
	2.3	External Security Problems: Neighbour countries	
	2.4	Pakistan, China, Bangladesh, Srilanka, Nepal, Bhutan	
3.0		India's National Power	15
	3.1	Meaning	
	3.2	Elements of National Power- Geographical,	
	3.3	Natural Resources, population, Military Capability, Science and Technology	
	3.4	Economic system, Political system, Moral, Leadership	
4.0		India's Foreign Policy	15
	4.1	Objectives, Basic Principles	
	4.2	India's foreign policy after 1947	
	4.3	India's Defence policy- Capability factor- the military	
	4.4	Modernisation factor, Make in India Programme	
		Total	60

Suggested Reading:

English:

1. Baylis, J., Smith, S., & Owens, P. (2020). *The globalization of world politics: An introduction to international relations* (8th ed.). Oxford University Press.
2. Cohen, S. P. (2001). *India: Emerging power*. Brookings Institution Press.
3. Gupta, A. (2013). *How India manages its national security*. Penguin Books.

4. Karnad, B. (2015). *Why India is not a great power (yet)*. Oxford University Press.
5. Menon, S. (2016). *Choices: Inside the making of India's foreign policy*. Penguin Random House India.
6. Pant, H. V. (Ed.). (2019). *Indian foreign policy: An overview*. Manchester University Press.
7. Rajagopalan, R. P. (2020). *India's strategic choices: China and the balance of power in Asia*. Carnegie Endowment for International Peace.
8. Tellis, A. J. (2017). *India's emerging nuclear posture*. Carnegie Endowment for International Peace.
9. Ministry of Defence. (Annual). *Annual report*. Government of India.
10. Ministry of External Affairs. (Annual). *Annual report*. Government of India.
11. NITI Aayog. (Various years). *Strategy documents and reports*. Government of India.
1. सिंह, लल्लनजी, (2001) भारतीय सैन्य इतिहास एवं युद्ध के सिद्धांत, बरेली, प्रकाश बुक डिपो.
2. सिंह, लल्लनजी, (2001) राष्ट्रीय सुरक्षा, बरेली, प्रकाश बुक डिपो.
3. सिंह, लल्लनजी, (2001) आधुनिक राज्य का रक्षातंत्र, बरेली, प्रकाश बुक डिपो.
4. यादव कृष्णाकुमार, श्रीवास्ताव अरविंद, सिंह अभय शंकर, (2001), आण्विक युग में भारतीय सशस्त्र सेनाओं की रक्षा चुनौतियाँ, बरेली, प्रकाश बुक डिपो.
5. फाड़ीया बी.एल. (2000), आंतरराष्ट्रीय राजनीति, आगरा, साहित्यभवन
6. रायपूरकर वसंत, (1998), आंतरराष्ट्रीय संबंध, नागपूर, मंगेश प्रकाशन.
7. सहस्रबुध्दे, (2011) आंतरराष्ट्रीय संबंध शीतयुद्धोत्तर कालखंड, पुणे, ओरिएण्टल ब्लैक स्वान.
8. जाधव विजय, (2008), राष्ट्रीय सुरक्षा, जळगाव, प्रशांत पब्लिकेशन
9. मांडरे, तोडकर, (2010), भारताचे परराष्ट्रीय धोरण व राष्ट्रीय सुरक्षितता,
10. तोडकर बबन, (2010) भारत आणि जग, जळगाव, प्रशांत पब्लिकेशन
11. खरे विजय, (2010), जागतिक राजकारणात भारत, पुणे, केसागर प्रकाशन
12. पित्रे शशिकांत, (2000), डोमेल ते कारगिल, पुणे, डायमंड पब्लिकेशन,
13. देवळाणकर शैलेंद्र, (2012), भारत आणि जग, पुणे, सकाळ समूह प्रकाशन

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 6 questions.
(Each of 15 Marks for 04-credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 5 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 4 Questions.
5. Students need to solve ANY THREE of the remaining Five Question
(Q.2 to Q.6) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILCP1302, Title: Drill, Leadership and Fire Safety
Management Practical (*Optional*)

Curriculum Details

Course pre-requisite:

1. Basic knowledge of Military Science
2. Physical fitness and readiness to maintain discipline
3. Basic knowledge of disaster management and security

Course Objectives:

1. To provide practical training in drill and discipline
2. To develop leadership and teamwork skills
3. To train students in fire safety and emergency response skills
4. To prepare students for real-life emergency situations
5. To develop employability-oriented skills for defence, police, and civil defence sectors

Course Outcomes:

After completing the course, students will be able to:

1. Perform drill commands and parade effectively
2. Develop leadership qualities and decision-making skills
3. Use fire safety equipment properly
4. Act efficiently in emergency and rescue situations
5. Demonstrate discipline, teamwork, and coordination



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester V

Paper Code: HMILCP1302, Title: Drill, Leadership and Fire Safety

Management Practical

(Optional) Curriculum Details (for 04 Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Drill and Discipline	20
	1.1	Drill fundamentals: Attention, Stand at Ease, Stand Easy	
	1.2	Saluting, turning (left/right/about turn), Marching (quick march, slow march)	
	1.3	Squad drill and parade formation	
	1.4	Importance of discipline in armed forces	
2.0		Leadership and Team Building	15
	2.1	Leadership qualities and types of leadership	
	2.2	Decision making and problem solving	
	2.3	Teamwork and coordination exercises	
	2.4	Communication skills and command delivery, Role of leadership in defence services	
3.0		Fire Safety and Management	10
	3.1	Types and causes of fire, Fire prevention techniques	
	3.2	Use of fire extinguishers and equipment	
	3.3	Fire drill and evacuation techniques	
	3.4	Role of agencies like National Disaster Management Authority	
4.0		Emergency Response and Field Training	15
	4.1	First aid (burns, fractures, CPR basics)	
	4.2	Rescue operations and evacuation	
	4.3	Crowd control and disaster response, Mock drills (fire, emergency, evacuation)	
	4.4	Field visit (fire brigade / disaster management centre)	
		Total	60

Suggested Readings-

English-

1. Ministry of Defence India. (2020). *Annual Report*. New Delhi.
2. National Disaster Management Authority. (2019). *Fire Safety Guidelines*.
3. Maxwell, J. C. (2011). *The 5 Levels of Leadership*.
4. Maliwal, B. N., (1994) *Practical Military Science*, Bareilly, Prakash Book Depo.
5. Sharma, Dr. Vishnu Kant and Sharma, Dr, Meena, (1994) *N.C.C. Cadet 's Military Training*, Bareilly, Prakash Book Depo.,
6. *Hand Book of N.C.C.*

हिंदी-

1. सैन्य प्रशिक्षण. नई दिल्ली।
2. राष्ट्रीय आपदा प्रबंधन प्राधिकरण. दिशा-निर्देश।
3. शर्मा, विष्णु कांत, (1991) एन.सी.सी. परिचय एवं प्रशिक्षण, बरेली, प्रकाश बुक डिपो.
4. श्रीवास्तव, जे. एम., (1998) प्रायोगिक सैन्य विज्ञान, बरेली, प्रकाश बुक डिपो.
5. चौधरी, नरेंद्र सिंह, (2000) प्रायोगिक सैन्य विज्ञान, बरेली, प्रकाश बुक डिपो.

Marathi

1. लष्करी प्रशिक्षण. पुणे
2. महाराष्ट्र शासन. *अग्निसुरक्षा मार्गदर्शक*.
3. पाटील, चौधरी, (2022), *अग्निसुरक्षा आणि व्यवस्थापन, जळगाव, प्रशांत पब्लिकेशन*

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test (Theory/Practical), One Assignment and overall attendance** Total of marks scored in this one test, one assignment and overall attendance of CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. Practical - 40 Marks
2. Record Books- 05 Marks
3. Viva voce_ 10 Marks
4. over all Performance- 05 Marks

Total

60 Marks

(Project work, case study report will be related to local area any current Issue)

Note: The Duration of One Practical Period will be 02.00 clock Hours.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILCT1303, Title: Contemporary Study of War and Peace
(Optional)
Curriculum Details

Course pre-requisite:

1. Basic knowledge of political science and international relations
2. Interest in global affairs and security studies

Course objectives:

1. To understand the changing nature of the international system after World War II.
2. To analyze the role of military, technological, political, and economic power in global politics.
3. To study the concept and dynamics of the Cold War.
4. To examine the theory and application of deterrence, especially nuclear deterrence.
5. To understand the concept of balance of power and its relevance in contemporary international relations.
6. To develop analytical skills to evaluate global strategic issues.

Course outcomes:

After completing this course, students will be able to:

1. Explain the transformation of the international environment after World War II.
2. Analyze different forms of power (military, technological, political, economic).
3. Understand the meaning, causes, and impact of the Cold War and détente.
4. Evaluate deterrence theory and its role in maintaining global peace.
5. Explain the concept and techniques of balance of power.
6. Critically assess current global power dynamics.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester V

Paper Code: HMILCT1303, Title: Contemporary Study of War and Peace
Curriculum Details (for 04Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Changing International Environment Since World War-II	16
	1.1	Increasing Importance of Military power	
	1.2	Technological Power and Increasing Compulsion	
	1.3	Political Power and Increasing Compulsion	
	1.4	Economic Power and Increasing Compulsion	
2.0		Cold War	16
	2.1	Meaning, Concept, Scope	
	2.2	Détente	
	2.3	Meaning, Causes	
	2.4	Nature, Evaluation	
3.0		Deterrence	14
	3.1	Meaning, Definitions, Strategy	
	3.2	Requirements of Deterrence- Communication, Capability, Credibility	
	3.3	The Efficiency of war	
	3.4	The Theory of Nuclear Deterrence	
4.0		Balance of Power	14
	4.1	Meaning, Definitions, Objectives	
	4.2	Deferent forms of Balance of Power	
	4.3	Ways of Techniques of Maintaining Balance	
	4.4	Balance of Power Today	
		Total	60

Suggested Readings: -

1. Morgenthau, H. J. (2006). *Politics among nations: The struggle for power and peace*. New York: McGraw-Hill.
2. Waltz, K. N. (1979). *Theory of international politics*. Reading, MA: Addison-Wesley.
3. Bull, H. (2002). *The anarchical society: A study of order in world politics*. New York: Columbia University Press.

4. Baylis, J., Wirtz, J., & Gray, C. S. (2013). *Strategy in the contemporary world*. Oxford: Oxford University Press.
5. Freedman, L. (2004). *Deterrence*. Cambridge: Polity Press
6. Aron R., (1966) *Peace and War: A Theory of International Relations*, Praeger, New York.
7. Sidhu. K.S., (1988) *War and Its Principles*, Atlantic, New Delhi.
8. Tripathi. K.S., (1970) *Evolution of Nuclear Strategies*, Vikas, New Delhi.
9. सिंह, वी. (2014). अंतरराष्ट्रीय राजनीति. नई दिल्ली: ग्रंथ अकादमी.
10. शर्मा, आर. (2016). शीत युद्ध का इतिहास. नई दिल्ली: ओरिएंट ब्लैकस्वान.
11. गुप्ता, के. (2018). रणनीति और सुरक्षा अध्ययन. जयपुर: पब्लिकेशन हाउस.
12. मिश्रा, एस. (2017). आधुनिक युद्ध और शांति अध्ययन. नई दिल्ली: राजकमल प्रकाशन.
13. वर्मा, पी. (2015). वैश्विक राजनीति और शक्ति संतुलन. नई दिल्ली: विश्वविद्यालय प्रकाशन
14. कुलकर्णी, अ. (2015). आंतरराष्ट्रीय संबंध. पुणे: विद्यापीठ प्रकाशन.
15. जोशी, वि. (2018). जागतिक राजकारण आणि युद्धशास्त्र. मुंबई: हिमालय पब्लिशिंग हाऊस.
16. पाटील, स. (2016). शीतयुद्ध आणि आंतरराष्ट्रीय राजकारण. कोल्हापूर: फडके प्रकाशन.
17. देशमुख, र. (2017). संरक्षण अध्ययन: सिद्धांत आणि व्यवहार. पुणे: साईनाथ प्रकाशन.
18. शिंदे, म. (2019). आधुनिक युद्ध आणि शांतता अभ्यास. नागपूर: विदर्भ प्रकाशन.
19. कांबळे सुरेन्द्र, (2016), युद्ध आणि शांततेचा समकालीन अभ्यास, पुणे, सुमेध प्रकाशन.
20. उदगावकर म. न. आणि राऊत गणेश, (2008) आधुनिक जग, पुणे, डायमंड पब्लिकेशन.
21. कुलकर्णी वी, वाय., (2005), आंतरराष्ट्रीय संबंध, विद्या प्रकाशन, नागपूर, 2005.
22. देवळणकर शैलेन्द्र. (2014), आंतरराष्ट्रीय राजकारणाचे मूलाधार, नाशिक, यशवंतराव चव्हाण मुक्त विद्यापीठ.
23. तोडकर बी. डी., (2010), भारत आणि जग: आंतरराष्ट्रीय संबंध, पुणे डायमंड पब्लिकेशन.
24. जोशी पी. जी., (2017), इतिहास संरक्षणशास्त्र, पुणे, डायमंड पब्लिकेशन.
25. परांजपे श्रीकांत, (1994), सामरीकशास्त्र, पुणे, कॉन्टिनेन्टल प्रकाशन.
26. वराडकर र. ध., आंतरराष्ट्रीय संबंध आणि राजकारण, विद्या प्रकाशन नागपूर, 1991

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 6 questions.
(Each of 15 Marks for 04 credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 5 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 4 Questions.
5. Students need to solve **Any Three** of the remaining Four Question (Q.2 to Q.6) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSE)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILET1301, Title: Geopolitics and Military Geography
(Optional)
Curriculum Details

Course pre-requisite:

- 1 Fundamentals of Geography (physical & political)
- 2 Basics of International Relations
- 3 Knowledge of National Security concepts
- 4 Awareness about global regions such as Western Asia and South Asia
- 5 Understanding of maps, borders, and natural resources

Course objectives:

1. To introduce the concept and meaning of Geo-Strategy
2. To understand the relationship between geography and national power
3. To analyze the importance of natural resources and strategic minerals
4. To study geo-strategic importance of regions like Indian Ocean Region
5. To evaluate India's geo-strategic position and challenges
6. To develop analytical skills in strategic thinking and defense planning

Course outcomes:

After completing this topic, students will be able to:

1. Explain the concept and scope of Geo-Strategy clearly
2. Analyze the role of geography in shaping military and foreign policy
3. Identify and explain the importance of geo-strategic minerals
4. Evaluate the significance of key regions such as Western Asia and the Indian Ocean
5. Assess India's geo-strategic challenges (borders, maritime security)
6. Apply geo-strategic concepts in real-world scenarios
7. Develop critical thinking regarding global strategic issues



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSE)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILET1301, Title: Geopolitics and Military Geography
Curriculum Details (for 04Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Geo- Strategy	12
	1.1	Meaning, Definition	
	1.2	Concepts	
	1.3	Importance , Scope	
	1.4	Usage of Geostrategy	
2.0		Geo-Strategical Minerals	16
	2.1	Importance- Coal, Iron, Copper, Bauxite, Manganese, Uranium, Gold and Silver	
	2.2	Usage of Geostrategic Minerals	
	2.3	Geostrategic Importance of Western Asia	
	2.4	Geo Strategically importance of Oil, Petrol, Natural Gas & Atomic Energy	
3.0		Geo Strategic Importance	16
	3.1	Diego-Garcia	
	3.2	Andman- Nikobar	
	3.3	J&K, Afghanistan	
	3.4	Himalayan States Nepal, Bhutan	
4.0		Geo Strategically Issues of India	16
	4.1	Northern Border	
	4.2	Western Border	
	4.3	Maritime Boundaries	
	4.4	Evaluation	
		Total	60

Suggested Readings-

English-

1. Cohen, S. B. (2015). Geopolitics: The geography of international relations (3rd ed.). Lanham: Rowman & Littlefield.
2. Gray, C. S. (1999). Modern strategy. Oxford: Oxford University Press.
3. Black, J. (2012). Geopolitics and the quest for dominance. Bloomington: Indiana University Press.
4. Winters, H. A. (1998). Battling the elements: Weather and terrain in the conduct of war. Baltimore: Johns Hopkins University Press.
5. O'Sullivan, P. (1986). Geopolitics. London: Croom Helm.

हिंदी-

6. सिंह, वी. (2015). भूराजनीति. नई दिल्ली: ग्रंथ अकादमी.
7. शर्मा, आर. (2017). सैन्य भूगोल. नई दिल्ली: ओरिएंट ब्लैकस्वान.
8. गुप्ता, के. (2018). रणनीति और सैन्य अध्ययन. जयपुर: पब्लिकेशन हाउस.
9. मिश्रा, एस. (2019). आधुनिक युद्ध और भूगोल. नई दिल्ली: राजकमल प्रकाशन.
10. वर्मा, पी. (2016). वैश्विक राजनीति और भू-रणनीति. नई दिल्ली: विश्वविद्यालय प्रकाशन.

मराठी

11. कुलकर्णी, अ. (2016). भूराजकारण. पुणे: विद्यापीठ प्रकाशन.
12. पाटील, स. (2018). लष्करी भूगोल आणि युद्धनीती. कोल्हापूर: फडके प्रकाशन.
13. जोशी, वि. (2017). आंतरराष्ट्रीय संबंध आणि भूराजकारण. मुंबई: हिमालय पब्लिशिंग हाऊस.
14. देशमुख, र. (2019). संरक्षण अध्ययन आणि भूगोल. पुणे: साईनाथ प्रकाशन.
15. शिंदे, म. (2020). आधुनिक युद्ध आणि लष्करी भूगोल. नागपूर: विदर्भ प्रकाशन.
16. भागवत, जोशी, (2019), भूराजनीती, पुणे, डायमंड पब्लिकेशन.
17. जाधव विजय, (2023), भूराजनीती व लष्करी भूगोल, जळगांव, अथर्व प्रकाशन

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 6 questions.
(Each of 15 Marks for 04 credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 5 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 4 Questions.
5. Students need to solve **Any Three** of the remaining Four Question (Q.2 to Q.6) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSE)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILET1302, Title: Modern Warfare (*Optional*)
Curriculum Details

Course pre-requisite:

- Open for core optional Students.

Course objectives:

- After undergoing this course a student will be in a position to –
- To make the student to understand the definition, meaning, causes and basic concepts of war;
- To brief Various types, techniques and characteristics of war

Course outcomes:

- Students will critically analyze and assess historical conflicts and wars, applying advanced theoretical concepts to evaluate the causes, conduct, and consequences of these conflicts.
- Students will examine the evolving nature of warfare in the contemporary era, including irregular warfare, cyber warfare, and hybrid warfare, and evaluate their theoretical underpinnings
- Students will conduct advanced research on specific aspects of war theory and produce critical, research-based essays and papers.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSE)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILET1302, Title: Modern Warfare
Curriculum Details (for 04Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		War	15
	1.1	Meaning, Definitions, Scope.	
	1.2	Basic Concepts of War	
	1.3	War Campaign, Battle Strategy, Tactics.	
	1.4	Principles of War , Security and Defence.	
2.0		Causes and effects of War.	15
	2.1	Economical Causes of War.	
	2.2	Political Causes of War, Territorial Causes of War.	
	2.3	Ethnic Causes of War	
	2.4	Effects of War.	
3.0		Guerrilla Warfare.	15
	3.1	Introduction, Meaning and Definitions & Origin	
	3.2	Concept and Principles	
	3.3	Techniques and Tactics of Guerrilla Warfare.	
	3.4	Counter guerrilla measures	
4.0		Modern Warfare.	15
	4.1	Introduction- Meaning and Definitions	
	4.2	Concept of Modern War	
	4.3	Features of Modern War	
	4.4	Effects of Modern War	
		Total	60

Suggested Readings: -

1. Andreski S., (1968) Military Organization and Society, Univ. California Press, Berkeley.
2. Anthony James Joes, (1996) Guerrilla Conflict before the Cold War, (Praeger Publishers,
3. Aron R., (1966) Peace and War: A Theory of International Relations, Praeger, New York.
4. Barringer R., (1972) War: Patterns of Conflict, MIT Press, Cambridge, Mass.
5. Blainey G., (1973) The Causes of War, Macmillan, London.
6. Montgomery Viscount, (1983) A History of warfare, William Morrow & Co. New York City.
7. Mukherji and Shyam Lal, (1952) A Textbook of Military Science Vol. II., Navayuga, New Delhi.
8. Osanka. F. M., (1962) Modern Gurrilla Warfare, Free Press of Glencoe, New York.
9. Sidhu. K.S., (1988) War and Its Principles, Atlantic, New Delhi.
10. Tripathi. K.S., (1970) Evolution of Nuclear Strategies, Vikas, New Delhi.
11. Van Evara. Stephen. (1999) Causes of war: Power and the Roots of Conflict. Cornell University, Ithaca.
12. भांगे सी.बी., (2022) युध्द आणि समकालीन युध्दपध्दती, गाझीयाबाद, स्वरांजली पब्लिकेशन.
13. विसपुते देवेंद्र, चौधरी ए.पी., (2024) युध्दाचे संकल्पनात्मक पैलू, जळगांव, प्रशांत पब्लिकेशन.
14. चौधरी ए.पी., चौधरी अर्चना, (1995) आधुनिक युध्दपध्दती, पुणे, निराली पब्लिकेशन.

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 6 questions.
(Each of 15 Marks for 04 credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 5 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 4 Questions.
5. Students need to solve **Any Three** of the remaining Four Question (Q.2 to Q.6) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILVC1301, Title: Advanced Warfare Technology (VSC)
Curriculum Details

Course pre-requisite:

- 1 Basic understanding of national security and defence studies
- 2 Interest in military technology and modern warfare trends
- 3 Basic computer knowledge (for simulations and cyber awareness)
- 4 Analytical thinking and ability to understand global issues

Course objectives:

- 1 To introduce students to modern warfare technologies.
- 2 To develop basic understanding of emerging defence systems.
- 3 To build awareness about technological advancements in military operations.
- 4 To provide practical exposure to simulation-based defence technologies.

Course outcomes:

After completing this course, students will be able to:

1. Understand the evolution of modern warfare technologies.
2. Identify key advanced military technologies and their applications.
3. Explain the role of cyber and AI in warfare.
4. Demonstrate basic knowledge of defence tools and simulations.
5. Analyze current global warfare trends.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester V

Paper Code: HMILVC1301, Title: Advanced Warfare Technology (VSC)

Curriculum Details (for 02 Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Introduction to Modern Warfare	08
	1.1	Evolution of warfare: Traditional to Modern	
	1.2	Concepts of Hybrid Warfare and Asymmetric Warfare	
	1.3	Role of technology in warfare, Overview of global defence systems	
2.0		Advanced Weapon Systems	07
	2.1	Precision-guided weapons	
	2.2	Missile systems and defence shields	
	2.3	Unmanned Aerial Vehicles (UAVs) / Drones, Robotics in military operations	
3.0		Cyber and Information Warfare	08
	3.1	Basics of Cyber Warfare	
	3.2	Cyber attacks and defence mechanisms	
	3.3	Information warfare and psychological operations, Role of Artificial Intelligence and Big Data	
4.0		Space and Future Warfare Technologies	07
	4.1	Space warfare and satellite systems	
	4.2	Autonomous weapons systems	
	4.3	Hypersonic weapons, Future trends in warfare technology	
		Total	30

Suggested Reading

1. Lawrence Freedman (2017). *The Future of War*. London: Allen Lane.
2. Michael C. Horowitz (2018). *War in the Age of Artificial Intelligence*. Cambridge: Cambridge University Press.
3. Richard A. Clarke, & Robert K. Knake (2010). *Cyber War: The Next Threat to National Security and What to Do About It*. New York: HarperCollins.
4. Ministry of Defence India. (2020). *Annual Report*. New Delhi: Government of India.
5. NATO. (2021). *Emerging and Disruptive Technologies*. Brussels.

6. Stockholm International Peace Research Institute. (2022). *SIPRI Yearbook: Armaments, Disarmament and International Security*. Stockholm.
7. Singer, P. W. (2009). *Wired for War: The Robotics Revolution and Conflict in the 21st Century*. Penguin.
8. Ministry of Defence India. (2020). *Annual Report*. New Delhi: Government of India.
9. DRDO. (Various reports).

Hindi

- फाडिया बी. एल.. (2016). *अंतरराष्ट्रीय राजनीति*. आगरा: साहित्य भवन.
- राय एम. पी.. (2017). *राष्ट्रीय सुरक्षा अध्ययन*. नई दिल्ली: प्रकाशन संस्थान.
- राष्ट्रीय पुस्तक न्यास. (2018). *भारत की सुरक्षा नीति*. नई दिल्ली.
- रक्षा मंत्रालय भारत सरकार. (2021). *वार्षिक प्रतिवेदन*. नई दिल्ली.
- आधुनिक युद्ध तकनीक. नई दिल्ली: प्रकाशन।
- भारत सरकार, रक्षा मंत्रालय. *वार्षिक रिपोर्ट*.

Marathi

- दीक्षित वि. र. (2015). *युद्धशास्त्राची मूलतत्त्वे*. पुणे: विद्या प्रकाशन.
- जोशी स. ग.. (2018). *राष्ट्रीय सुरक्षा आणि संरक्षण अध्ययन*. मुंबई: हिमालय प्रकाशन.
- महाराष्ट्र राज्य पाठ्यपुस्तक निर्मिती मंडळ. (2020). *संरक्षण अध्ययन (इयत्ता ११ वी व १२ वी)*. पुणे.
- यशदा. (2019). *आंतरराष्ट्रीय संबंध व सुरक्षा विषयक अभ्यास साहित्य*. पुणे.

Distribution and Evaluation of Course Assessment

B. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
10	06	04	20

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 5 questions.
(Each of 10 Marks for 02credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 4 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 3 Questions.
5. Students need to solve **Any Two** of the remaining Four Question (Q.2 to Q.5) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester V
Paper Code: HMILFP1301, Title: Field Project (FP)
Curriculum Details

Course pre-requisite:

- 1 Basic understanding of Military Science / Defence Studies
- 2 Interest in national security and current affairs
- 3 Ability to conduct fieldwork and interact with respondents
- 4 Basic knowledge of research methodology
- 5 Communication and report writing skills

Course objectives:

- 1 o provide practical exposure to real-life situations.
- 2 To develop research and analytical skills.
- 3 To understand socio-economic, cultural, or industrial issues.
- 4 To enhance problem-solving and field investigation skills.
- 5 To bridge the gap between theory and practice.

Course outcomes:

After completion, students will be able to:

- 1 Conduct field-based research independently
- 2 Collect, analyze, and interpret primary data
- 3 Understand real-world applications of subject knowledge
- 4 Prepare structured research reports
- 5 Develop communication and presentation skills



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester V

Paper Code: HMILFP1301, Title: Field Project (FP)

Curriculum Details (for 04Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Introduction to Field Project	08
	1.1	Meaning and scope of field study in defence studies	
	1.2	Selection of research problem	
	1.3	Understanding national security framework	
	1.4	Overview of defence institutions	
2.0		Research Methodology	10
	2.1	Qualitative and quantitative research methods	
	2.2	Tools:- Survey, Interview, Observation	
	2.3	Sampling techniques	
	2.4	Questionnaire design	
3.0		Field Work / Practical Exposure	12
	3.1	Visits to: Military cantonments (where permitted), Police stations / training academies, Disaster management authorities	
	3.2	Study of: Border security issues, Internal security (Naxalism, terrorism), Role of paramilitary forces	
	3.3	Defence and Security Analysis: 1. Data classification and analysis, 2. Case studies of conflicts:Kargil war, Indo-China conflicts	
	3.4	Internal security challenges in India, Role of intelligence agencies	
4.0		Report Writing	30
	4.1	Structure of field project report:	
	4.2	Introduction, Objectives, Methodology, Field findings, Analysis, Conclusion & suggestions	
	4.3	Use of maps, charts, and defence data	
	4.4	Referencing style (APA/MLA)	
		Total	60

Suggested Field Project Topics

1. National Security & Defence

1. Role of Indian Armed Forces in National Security
2. India's Defence Policy and Strategic Planning
3. Border Management and Security Challenges in India
4. India's Maritime Security Strategy
5. Role of Nuclear Policy in India's National Security

2. Internal Security

6. Naxalism in India: Causes and Government Response
7. Terrorism in India: Trends and Counter-Terrorism Measures
8. Role of Police and Paramilitary Forces in Internal Security
9. Cyber Terrorism and National Security Challenges
10. Intelligence Agencies and Internal Security in India

3. Disaster Management & Humanitarian Role

11. Role of National Disaster Response Force (NDRF) in Disaster Management
12. Disaster Preparedness and Community Awareness
13. Role of Armed Forces in Disaster Relief Operations
14. Civil Defence Mechanisms in India
15. Case Study of Flood / Earthquake Disaster Management

4. Military Technology & Modern Warfare

16. Role of Drones in Modern Warfare
17. Cyber Security Threats and Defence Preparedness
18. Artificial Intelligence in Military Operations
19. Satellite Technology and Defence Communication
20. Modernization of Indian Armed Forces

5. Civil-Military Relations

21. Role of Armed Forces in Civil Administration
22. Civil-Military Relations in India
23. Military Aid to Civil Authorities during Emergencies
24. Role of Armed Forces in Nation Building
25. Public Perception of Armed Forces

6. Defence Organization & Structure

26. Organizational Structure of Indian Army
27. Role of Indian Navy in Maritime Security
28. Role of Indian Air Force in Air Defence
29. Joint Command System in India
30. Role of Paramilitary Forces (BSF, CRPF, ITBP)

7. Case Studies

31. Case Study of Kargil War

32. Case Study of Mumbai Terror Attacks
33. India-China Border Conflict Analysis
34. Role of Armed Forces in COVID-19 Pandemic
35. Disaster Case Study: 2018 Kerala Floods

8. Emerging Security Issues

36. Hybrid Warfare and India's Security
37. Information Warfare and Media Influence
38. Space Security and Defence Strategy
39. Role of Cyber Warfare in Future Conflicts
40. India's Role in Global Peacekeeping Missions
41. Role of NDRF
42. Disaster Management Study
43. Public Awareness on National Security
44. Civil Defence Mechanisms
45. Cyber Security Awareness

9. Any other National, State, District, Local level issues

Suggested Reading

1. Cohen, E. A. (2002). *Supreme command: Soldiers, statesmen, and leadership in wartime*. Free Press.
2. Huntington, S. P. (1957). *The soldier and the state: The theory and politics of civil-military relations*. Harvard University Press.
3. Keegan, J. (1993). *A history of warfare*. Vintage Books.
4. Ministry of Defence, Government of India. (Annual Report). New Delhi.
5. Singh, J. (2013). *India's national security: Annual review*. Routledge.
6. सिंह, जसजीत. (2013). *भारत की राष्ट्रीय सुरक्षा*. नई दिल्ली: राउटलज।
7. भारत सरकार, रक्षा मंत्रालय। (वार्षिक रिपोर्ट)। नई दिल्ली।
8. कुमार, राजेश। (2018). *आधुनिक युद्ध और भारत की सुरक्षा*. दिल्ली: प्रकाशन संस्थान।
10. देशमुख, अ. ब. (2015). *भारताची राष्ट्रीय सुरक्षा*. पुणे: विद्यापीठ प्रकाशन.
11. भारत सरकार, संरक्षण मंत्रालय. (वार्षिक अहवाल). नवी दिल्ली.
12. पाटील, स. क. (2018). *आधुनिक युद्ध व भारताची सुरक्षा*. मुंबई: लोकप्रिय प्रकाशन.
13. बोधनकर सुधीर, अलोनी विवेक, (2003), सामाजिक संशोधन पद्धती, नागपूर, श्री. साईनाथ प्रकाशन.
14. आगलावे प्रदिप, (2000), संशोधन पद्धतीशास्त्र व तंत्रे, नागपूर, विद्या प्रकाशन.
15. कायंदे पाटील, (2012) सामाजिक संशोधन पद्धती, पुणे: डायमंड पब्लिकेशन्स
16. भांडारकर, पी. एल. (1990). *सामाजिक संशोधन पद्धती*. नागपूर: दत्तासन प्रकाशन.
17. मायी, सुनील. (2008). *सामाजिक संशोधन पद्धती*. पुणे: डायमंड पब्लिकेशन्स

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1.	Field Work/ Participation	-	10
2.	Project Report	-	30
3.	Viva voce	-	10
4.	Presentation	-	10
	Total	-	60



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester VI

Course Structure: Major (DSC)(DSE)//VSC/ IKS/ OJT

Teaching Scheme

(for 4 credits)

Course Code	Course Name (Paper Title)	Teaching Scheme (Hrs.)		Credits Assigned		
		Theory	CA	Theory	CA	Total
HMILCT1351	India's National Security	60	---	04	---	04
HMILCP1352	Road Safety and Traffic Management Practical	60	---	04	--	04
HMILET1351 OR HMILET1352	Geopolitics and Military Geography OR Modern Warfare	60	---	04	--	04
HMILOJ1351	On Job Training	60	---	04	--	04

(for 02 credits)

Course Code	Course Name (Paper Title)	Teaching Scheme (Hrs.)		Credits Assigned		
		Theory	CA	Theory	CA	Theory
HMILCT1353	Shivaji Maharaj as a Nation Builder	30	---	02	--	02
HMILIK1351	Indian Knowledge System in Warfare	30	---	02	--	02
HMILVC1351	Disaster Management and Civil Defence	30	---	02	--	02



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester VI

Course Structure: Major (DSC) (DSE)/VSC/IKS/OJT -
Teaching Scheme
(for 4 credits)

Course Code (2)	Course Name (3)	Theory					ESE (8)	Total [C ol (7+8)
		CA						
		Test I (4)	Assignment (5)	Attendance (6)	Total Column No. 4+5+6 (7)			
HMILCT1351	India's National Security	20	12	08	40	60	100	
HMILCP1352	Road Safety and Traffic Management Practical	20	12	08	40	60	100	
HMILET1351 OR HMILET1352	Geopolitics and Military Geography OR Modern Warfare	20	12	08	40	60	100	
HMILOJ1351	On Job Training	20	12	08	40	60	100	
(for 02 credits)								
HMILCT1353	Shivaji Maharaj as a Nation Builder	10	06	04	20	30	50	
HMILIK1351	Indian Knowledge System in Warfare	10	06	04	20	30	50	
HMILVC1351	Disaster Management and Civil Defence	10	06	04	20	30	50	



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILCT1351, Title: India's National Security (Optional)

Curriculum Details

Course pre-requisite:

- Fundamental understanding of Political Science / Military Science / History / Geography at school or previous semester level
- Basic knowledge of India's political system and international relations

Course objectives:

- 1 To understand India's nuclear policy and strategic doctrine
- 2 To analyze India's role in regional and global security
- 3 To study India's relations with neighbours and regional organizations
- 4 To evaluate geopolitical challenges affecting national security

Course outcomes:

After completing this course, students will be able to:

1. Explain India's nuclear policy and global treaties
2. Analyze India's strategic role in the Indian Ocean region
3. Understand regional cooperation through SAARC
4. Critically examine India's relations with neighbouring countries
5. Assess contemporary security challenges and conflicts



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILCT1351, Title: India's National Security (Optional)
Curriculum Details (for 04Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		India's Nuclear Policy	14
	1.1	After 1947	
	1.2	Nuclear Test-1974	
	1.3	C.T.B.T.	
	1.4	Nuclear Test 1998	
2.0		India and Indian Ocean	15
	2.1	Introduction	
	2.2	Geographical and Strategic Importance	
	2.3	Naval Powers in Indian Ocean	
	2.4	India's Indian ocean Policy	
3.0		India and SAARC	15
	3.1	Origin and Objectives	
	3.2	Importance of Regional Cooperation	
	3.3	SAARC Conference's	
	3.4	India's Role in SAARC	
4.0		India and its Neighbours	16
	4.1	Indo-Pak Relation- Focus on Kashmir	
	4.2	India-Srilanka - Tamil Problem	
	4.3	India-Bangladesh - Border Problem	
	4.4	Indo-China - Border dispute	
		Total	60

Suggested Reading:

English

1. Baylis, J., Smith, S., & Owens, P. (2020). *The globalization of world politics: An introduction to international relations* (8th ed.). Oxford University Press.
2. Cohen, S. P. (2001). *India: Emerging power*. Brookings Institution Press.
3. Gupta, A. (2013). *How India manages its national security*. Penguin Books.

4. Karnad, B. (2015). *Why India is not a great power (yet)*. Oxford University Press.
5. Menon, S. (2016). *Choices: Inside the making of India's foreign policy*. Penguin Random House India.
6. Pant, H. V. (Ed.). (2019). *Indian foreign policy: An overview*. Manchester University Press.
7. Rajagopalan, R. P. (2020). *India's strategic choices: China and the balance of power in Asia*. Carnegie Endowment for International Peace.
8. Tellis, A. J. (2017). *India's emerging nuclear posture*. Carnegie Endowment for International Peace.
9. Ministry of Defence. (Annual). *Annual report*. Government of India.
10. Ministry of External Affairs. (Annual). *Annual report*. Government of India.
11. NITI Aayog. (Various years). *Strategy documents and reports*. Government of India.
12. Tellis, A. J. (2001). *India's Emerging Nuclear Posture*. RAND Corporation.
13. Cohen, S. P. (2001). *India: Emerging Power*. Brookings Institution Press.
1. सिंह, लल्लनजी, (2001) भारतीय सैन्य इतिहास एवं युद्ध के सिद्धांत, बरेली, प्रकाश बुक डिपो.
2. सिंह, लल्लनजी, (2001) राष्ट्रीय सुरक्षा, बरेली, प्रकाश बुक डिपो.
3. सिंह, लल्लनजी, (2001) आधुनिक राज्य का रक्षातंत्र, बरेली, प्रकाश बुक डिपो.
4. यादव कृष्णाकुमार, श्रीवास्ताव अरविंद, सिंह अभय शंकर, (2001), आण्विक युग में भारतीय सशस्त्र सेनाओं की रक्षा चुनौतियाँ, बरेली, प्रकाश बुक डिपो.
5. फाड़ीया बी.एल.(2000), आंतरराष्ट्रीय राजनीति, आगरा, साहित्यभवन
6. रायपूरकर वसंत, (1998), आंतरराष्ट्रीय संबंध, नागपूर, मंगेश प्रकाशन.
7. सहस्रबुध्दे, (2011) आंतरराष्ट्रीय संबंध शीतयुद्धोत्तर कालखंड, पुणे, ओरिएण्टल ब्लैक स्वान.
8. जाधव व्ही. वाय., (2012) भारताची राष्ट्रीय सुरक्षा, जळगाव, स्नेहवर्धन पब्लिकेशन.
9. मांडरे, तोडकर, (2010), भारताचे परराष्ट्रीय धोरण व राष्ट्रीय सुरक्षितता,
10. तोडकर बबन, (2010) भारत आणि जग, जळगाव, प्रशांत पब्लिकेशन
11. खरे विजय, (2010), जागतिक राजकारणात भारत, पुणे, केसागर प्रकाशन
12. पित्रे शशिकांत, (2000), डोमेल ते कारगिल, पुणे, डायमंड पब्लिकेशन,
13. देवळाणकर शैलेंद्र, (2012), भारत आणि जग, पुणे, सकाळ समुह प्रकाशन
14. तोडकर बी.डी., (2011) भारतीय राष्ट्रीय सुरक्षा, जळगाव, अथर्व पब्लिकेशन.

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 6 questions.
(Each of 15 Marks for 04-credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 5 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 4 Questions.
5. Students need to solve **ANY THREE** of the remaining Five Question (Q.2 to Q.6) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILCP1352, Title: Road Safety and Traffic Management
Practical (*Optional*)

Curriculum Details

Course pre-requisite:

1. Basic awareness of road usage
2. Interest in public safety and community service
3. No prior technical knowledge required

Course Objectives:

1. To create awareness about road safety rules and responsible behavior.
2. To develop practical knowledge of traffic management systems.
3. To train students in first aid and emergency response during accidents.
4. To understand causes of road accidents and preventive measures.
5. To promote safe driving practices and civic responsibility.
6. To develop skills in traffic control and road safety education.

Course Outcomes:

After completing the course, students will be able to:

1. Demonstrate knowledge of traffic rules and road signs.
2. Apply safe road usage practices in real-life situations.
3. Perform basic first aid in case of road accidents.
4. Analyze causes of accidents and suggest preventive measures.
5. Assist in traffic management and awareness programs.
6. Exhibit responsible and ethical road behavior.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester VI

**Paper Code: HMILCP1352, Title: Road Safety and Traffic Management
Practical (Optional) Curriculum Details (for 04 Credits)**

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Traffic Rules and Road signs	20
	1.1	Introduction	
	1.2	Identification of traffic signs (mandatory, cautionary, informatory)	
	1.3	Practical demonstration using charts/models	
	1.4	Field visit to observe traffic signals and road systems	
2.0		Driving Skills and Safety Measures	15
	2.1	Basics of safe driving (for two-wheelers & four-wheelers)	
	2.2	Use of helmet, seat belt, mirrors	
	2.3	Defensive driving techniques	
	2.4	Simulator or video-based training	
3.0		Traffic Management	10
	3.1	Role of traffic police	
	3.2	Practical exposure to traffic control methods	
	3.3	Visit to traffic control room / police station	
	3.4	Crowd and congestion management	
4.0		First Aid and Emergency Response	15
	4.1	Basic first aid techniques	
	4.2	CPR (Cardio-Pulmonary Resuscitation) training	
	4.3	Handling accident victims	
	4.4	Ambulance calling procedures	
		Total	60

Road Safety Awareness Activities

- Conducting awareness campaigns
- Poster making / street play (Nukkad Natak)
- Survey on road accidents in local area
- Preparation of project report

Suggested Activities

- Visit to RTO office
- Interaction with traffic police
- First aid workshop with hospital staff
- Road safety campaign participation

Suggested Readings-

1. Ministry of Road Transport and Highways. (2022). *Road safety manual*. Government of India.
2. World Health Organization. (2018). *Global status report on road safety*.
3. National Crime Records Bureau. (Annual). *Accidental deaths and suicides in India*.
4. Maliwal, B. N., (1994) *Practical Military Science*, Bareilly, Prakash Book Depo.
5. Sharma, Dr. Vishnu Kant and Sharma, Dr, Meena, (1994) *N.C.C. Cadet 's Military Training*, Bareilly, Prakash Book Depo.,
6. Hand Book of N.C.C.
1. चौधरी, नरेंद्र सिंह, (2001) *मानचित्र अध्ययन*, बरेली, प्रकाश बुक डिपो.
2. शर्मा, वाई., के., (2001) *मानचित्र का अध्ययन*, बरेली, प्रकाश बुक डिपो.
3. शर्मा, विष्णु कांत, (1991) *एन.सी.सी. परिचय एवं प्रशिक्षण*, बरेली, प्रकाश बुक डिपो.
4. श्रीवास्तव, जे. एम., (1998) *प्रायोगिक सैन्य विज्ञान*, बरेली, प्रकाश बुक डिपो.
5. चौधरी, नरेंद्र सिंह, (2000) *प्रायोगिक सैन्य विज्ञान*, बरेली, प्रकाश बुक डिपो.

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test (Theory/Practical), One Assignment and overall attendance** Total of marks scored in this one test, one assignment and overall attendance of CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. Practical - 20 Marks
2. Record Books- 05 Marks
3. Viva voce_ 10 Marks
4. over all Performance- 05 Marks
5. Project Report- 20 Marks
- Total 60 Marks**

(Project work, case study report will be related to local area any current Issue)

Note: The Duration of One Practical Period will be 02.00 clock Hours.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester VI

Paper Code: HMILCT1353, Title: Ch. Shivaji Maharaj as a Nation Builder

(Optional)

Curriculum Details

Course pre-requisite:

1. Basic knowledge of Medieval Indian History
2. Understanding of socio-political background of Maharashtra
3. Basic concepts of Political Science and Military Studies
4. Interest in leadership and strategic studies

Course objectives:

1. To understand the rise of Maratha power under Chhatrapati Shivaji Maharaj
2. To analyze the concept and process of Swarajya
3. To study military, political, and administrative strategies
4. To undertake comparative analysis with global leaders
5. To understand principles of nation-building and warfare.

Course outcomes:

After completing this course, students will be able to:

1. Explain the factors responsible for the rise of Maratha power
2. Analyze the leadership and Swarajya concept of Shivaji Maharaj
3. Evaluate military and political strategies
4. Understand the importance of guerrilla warfare
5. Develop comparative and analytical thinking through global perspectives



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester VI

Paper Code: HMILCT1353, Title: Ch. Shivaji Maharaj as a Nation Builder
Curriculum Details (for 02Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Rise of Maratha power	08
	1.1	Political, Economic, Social, Cultural and Geographical Environment of Maharashtra during Chhatrapati Shivaji Maharaj Period	
	1.2	Making of Chatrapati Shivaji Maharaj Role of Jijabai and Dadoji Kondeo	
	1.3	Concept of Swarajya	
2.0		Swarajya Building	07
	2.1	Concept of Hindavi Swarajya, Building Army of Mavala Oath at Rayreshwar	
	2.2	Chatrapati Shivaji Maharaj and Adilshahi - Jawali Incident	
	2.3	Battle of Pratapgad	
3.0		Chatrapati Shivaji Maharaj and Mughal	08
	3.1	Loot of Surat, Red on Shahistekhan	
	3.2	Battle of Purandar	
	3.3	Campaign of Mirza Raje Jai Singh and treaty off Purandar	
4.0		Evolution and comparison	07
	4.1	Chhatrapati Shivaji Maharaj and Guerilla Warfare	
	4.2	Comparison of Chhatrapati Shivaji Maharaj with Alexander	
	4.3	Comparison of Chhatrapati Shivaji Maharaj with Napoleon Bonaparte.	
		Total	30

Suggested Readings: -

1. Sarkar, J. (1960). *Shivaji and His Times*. Orient Longman.
2. Gordon, S. (1993). *The Marathas 1600–1818*. Cambridge University Press.
3. Kulkarni, A. R. (1996). *Maharashtra in the Age of Shivaji*. Deshmukh & Co.
4. त्रिपाठी, आर. पी. (2004). *छत्रपति शिवाजी*. नई दिल्ली: राजपाल एंड संस.
5. शर्मा, एस. आर. (2008). *भारत का मध्यकालीन इतिहास*. नई दिल्ली: पियर्सन.
6. पुरंदरे, ब. मो. (2010). *राजा शिवछत्रपती*. पुणे: पुरंदरे प्रकाशन.
7. मेहेंदळे, ग. भा. (2007). *शिवाजी महाराजांचे चरित्र*. पुणे: डायमंड प्रकाशन.
8. पगडी, स. न. (1993). *छत्रपती शिवाजी महाराज*. पुणे: कॉन्टिनेंटल प्रकाशन.
9. पवार जयसिंग, (2001), *शिवाजी आणि शिवकाळ*, कोल्हापूर, निराली प्रकाशन

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
10	06	04	20

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 5 questions.
(Each of 10 Marks for 02credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 4 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 3 Questions.
5. Students need to solve **Any Two** of the remaining Four Question (Q.2 to Q.5) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILIK1351, Title: Indian Knowledge System in Warfare
(Optional)

Curriculum Details

Course pre-requisite:

1. Basic understanding of Indian history and culture
2. Introductory knowledge of military science / defence studies
3. Interest in strategic studies, geopolitics, and ancient texts

Course objectives:

1. To introduce students to the concept of warfare in the Indian Knowledge System (IKS)
2. To study ancient Indian military texts like Arthashastra and epics
3. To analyze traditional strategies, military organization, and intelligence systems
4. To evaluate ethical and philosophical aspects of warfare in Indian tradition
5. To relate ancient warfare principles with modern military practices

Course outcomes:

After completion of the course, students will be able to:

1. Understand the foundations of warfare in Indian tradition
2. Explain key theories of Kautilya and epic literature
3. Analyze ancient Indian military strategies and intelligence systems
4. Evaluate ethical dimensions of war (Dharma Yuddha vs Kuta Yuddha)
5. Apply IKS principles to contemporary defence and strategic studies



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILIK1351, Title: Indian Knowledge System in Warfare
Curriculum Details (for 02Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Introduction to Indian Knowledge System and Warfare	08
	1.1	Meaning and concept of Indian Knowledge System (IKS)	
	1.2	Nature and scope of warfare in ancient India, Concept of Dharma Yuddha and Kuta Yuddha	
	1.3	Sources of military knowledge: Vedas, epics, and classical texts	
2.0		Classical Texts and Military Thought	07
	2.1	Military ideas in Arthashastra	
	2.2	Mandala Theory and foreign policy	
	2.3	War narratives in Mahabharata and Ramayan, Leadership and strategy (role of Krishna)	
3.0		Military Organization, Strategy and Intelligence	08
	3.1	Chaturanga army system (Infantry, Cavalry, Elephants, Chariots)	
	3.2	Types of warfare: open war, guerrilla warfare, psychological warfare	
	3.3	Espionage and intelligence systems in ancient India, Role of diplomacy, alliances, and treaties	
4.0		Ethics, Technology and Contemporary Relevance	07
	4.1	Ethics of warfare in Indian tradition	
	4.2	Weapons and military technology (traditional and conceptual)	
	4.3	Fortification and defence systems, Relevance of IKS in modern warfare and strategic studies	
		Total	30

Suggested Readings: -

English References

1. Kautilya. (2013). *Arthashastra* (L. N. Rangarajan, Trans.). New Delhi: Penguin Books.
2. Singh, S. D. (1965). *Ancient Indian Warfare*. Leiden: Brill.
3. Majumdar, R. C. (Ed.). (1977). *The History and Culture of the Indian People*. Mumbai: Bharatiya Vidya Bhavan.
4. Subrahmanyam, S. (2017). *Courtly Encounters: Translating Courtliness and Violence in Early Modern Eurasia*. Harvard University Press.
5. Alfred, David., (1953) Indian Art of War, Delhi, Atman Ram.
6. Kaushik,(2004) India's Historic Battles From Hydaspes to Kargil, Delhi, Primus Books.
7. Kangle, R.P., (1963) Kautilya's Arth Shastra, Mumbai, University of Bombay.
8. Majumdar, B.K.,(1960) Military System in Ancient India, Calcutta, Firma K.L. Mukhopadhyoy.
9. Majumdar, B.N.,(1963) Study of Indian Military History, Delhi, Army Educational Store.

Hindi References

1. कौटिल्य अर्थशास्त्र. (विभिन्न संस्करण). नई दिल्ली: विभिन्न प्रकाशक।
2. शर्मा, आर. एस. (2012). *प्राचीन भारत का इतिहास*. नई दिल्ली: ओरिएंट ब्लैकस्वान।
3. मिश्र, सुरेंद्रा,,(2002) संसार के प्रसिद्ध युद्ध,नई दिल्ली, ग्रंथ अकादमी,
4. मालीवाल, बी.एन., (2002) सैन्य विज्ञान भाग 1 व 2,हापुड, चंद्र प्रकाश एण्ड ब्रदर्स.
5. सिंह, लल्लनजी,(2001) भारतीय सैन्य इतिहास एवं युद्ध के सिद्धांत, बरेली, प्रकाश बुक डिपो.
6. सिंह, लल्लनजी,(2001)युद्धकला, बरेली, प्रकाश बुक डिपो.
7. सिंह, अशोक कुमार,(2004) भारतीय युद्धकला का इतिहास, बरेली, प्रकाश बुक डिपो.
8. पाण्डे, बाबूराम,(2004) सैन्य अध्ययन की पाठ्य पुस्तक,बरेली, प्रकाश बुक डिपो,
9. सिंह, लल्लनजी,(1984) कौटिल्य का युद्ध दर्शन,बरेली, प्रकाश बुक डिपो.
10. जैन, पुष्पा,(2000) सम्पूर्ण सैन्य विज्ञान भाग - 1,ग्वालियर, विश्वविद्यालय प्रकाशन.

Marathi References

1. कौटिल्याचे अर्थशास्त्र. पुणे: कॉन्टिनेन्टल प्रकाशन।
2. साळुंखे, ए. (2015). *भारतीय युद्धकला*. पुणे: डायमंड प्रकाशन।
3. सोनवणे, जाधव, सेंदाणे, चौधरी, पाटील, सुतार, (1995) भारतीय युद्धकला,पुणे.निराली प्राकाशन
4. तोडकर, बी.डी.,(2018) मराठ्यांचा इतिहास, जळगाव, प्राशांत पब्लिकेशन,
5. जाधव, साळुंखे, पाटील, चौधरी, पाटील, सुतार, (1995) भारतीय युद्धतंत्राची उत्क्रांती, जळगाव, प्रशांत पब्लिकेशन,

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
10	06	04	20

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 5 questions.
(Each of 10 Marks for 02credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 4 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 3 Questions.
5. Students need to solve **Any Two** of the remaining Four Question (Q.2 to Q.5) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSE)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILET1351, Title: Geopolitics and Military Geography
(Optional)

Curriculum Details

Course pre-requisite:

- Basic understanding of International Relations / Political Science
- Fundamental knowledge of Geography (Physical & Human Geography)
- Awareness of global political events and security issues
- Analytical ability to interpret maps and strategic situations

Course objectives:

1. To introduce students to the concept, nature, and scope of geopolitics
2. To analyze classical and modern geopolitical theories
3. To understand the role of geography in military planning and strategy
4. To examine how geographical factors influence war and peace
5. To develop strategic thinking related to defense and security studies

Course outcomes:

After successful completion of this course, students will be able to:

1. Explain key concepts and theoretical foundations of geopolitics
2. Critically analyze ideas of thinkers like Halford Mackinder, Alfred Thayer Mahan, Karl Haushofer, and Giulio Douhet
3. Understand the scope and applications of military geography
4. Evaluate the role of geographical factors in military operations
5. Apply geopolitical and geographical knowledge to contemporary global issues



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSE)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILET1351, Title: Geopolitics and Military Geography
Curriculum Details (for 04Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Geo Politics	12
	1.1	Meaning, Definition and Concepts	
	1.2	Objectives,	
	1.3	Nature and Scope	
	1.4	Importance of Geo Politics (Peace & War time)	
2.0		Evolution of Geopolitical Thoughts	12
	2.1	Mackinder's Heartland Theory and It's Criticism	
	2.2	Admiral Mahan's Sea-Power Theory	
	2.3	Dr. Karl Haushofer	
	2.4	Dohet	
3.0		Military Geography	16
	3.1	Meaning' Definition	
	3.2	Scope, Concept and Uses	
	3.3	Principal of Military Geography	
	3.4	Importance of Military Geography	
4.0		Geographical Factors Affecting War	20
	4.1	Location, Climate, Boundaries, Topography, Shape, Size	
	4.2	Impact of Geography of Military Operations	
	4.3	Land, Air and Sea	
	4.4	Logistics- Concept, Principles, Resources & Problems in plain, Desert, Jungle, High Altitudes Area, River Crossing, Sea & Air	
		Total	60

Suggested Readings-

English-

1. Cohen, S. B. (2015). Geopolitics: The geography of international relations (3rd ed.). Lanham: Rowman & Littlefield.
2. Gray, C. S. (1999). Modern strategy. Oxford: Oxford University Press.
3. Black, J. (2012). Geopolitics and the quest for dominance. Bloomington: Indiana University Press.
4. Winters, H. A. (1998). Battling the elements: Weather and terrain in the conduct of war. Baltimore: Johns Hopkins University Press.
5. O'Sullivan, P. (1986). Geopolitics. London: Croom Helm.

हिंदी-

6. सिंह, वी. (2015). भूराजनीति. नई दिल्ली: ग्रंथ अकादमी.
7. शर्मा, आर. (2017). सैन्य भूगोल. नई दिल्ली: ओरिएंट ब्लैकस्वान.
8. गुप्ता, के. (2018). रणनीति और सैन्य अध्ययन. जयपुर: पब्लिकेशन हाउस.
9. मिश्रा, एस. (2019). आधुनिक युद्ध और भूगोल. नई दिल्ली: राजकमल प्रकाशन.
10. वर्मा, पी. (2016). वैश्विक राजनीति और भू-रणनीति. नई दिल्ली: विश्वविद्यालय प्रकाशन.

मराठी

11. कुलकर्णी, अ. (2016). भूराजकारण. पुणे: विद्यापीठ प्रकाशन.
12. पाटील, स. (2018). लष्करी भूगोल आणि युद्धनीती. कोल्हापूर: फडके प्रकाशन.
13. जोशी, वि. (2017). आंतरराष्ट्रीय संबंध आणि भूराजकारण. मुंबई: हिमालय पब्लिशिंग हाऊस.
14. देशमुख, र. (2019). संरक्षण अध्ययन आणि भूगोल. पुणे: साईनाथ प्रकाशन.
15. शिंदे, म. (2020). आधुनिक युद्ध आणि लष्करी भूगोल. नागपूर: विदर्भ प्रकाशन.
16. भागवत, जोशी, (2019), भूराजनीती, पुणे, डायमंड पब्लिकेशन.
17. जाधव विजय, (2023), भूराजनीती व लष्करी भूगोल, जळगांव, अथर्व प्रकाशन

Distribution and Evaluation of Course Assessment

B. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 6 questions.
(Each of 15 Marks for 04 credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 5 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 4 Questions.
5. Students need to solve **Any Three** of the remaining Four Question (Q.2 to Q.6) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSE)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILET1352, Title: Modern Warfare (*Optional*)
Curriculum Details

Course pre-requisite:

- Open for core optional Students.

Course objectives:

- After undergoing this course a student will be in a position to –
- To make the student to understand the definition, meaning, causes and basic features of war;
- To focus on various types of psychological war, techniques and characteristics of war in detail.
- To acquaint the Students with the various types of modern warfare.

Course outcomes:

- Students will acquainted with the knowledge of modern warfare and techniques used in it.
- Students will would be able to develop advanced strategic thinking skills, including the ability to assess national security strategies, military doctrines and geopolitical considerations.
- Students would be able to analyze the various concepts related to modern warfare which will help him/her to write above related topics.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSE)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILET1352, Title: Modern Warfare
Curriculum Details (for 04Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Psychological Warfare	12
	1.1	Introduction- Meaning, Definitions	
	1.2	Basic Concepts of Psychological Warfare	
	1.3	Function and Limitation of Psychological Warfare	
2.0		Economic Warfare	14
	2.1	Introduction- Meaning, Definitions	
	2.2	Basic Concepts of Economic Warfare	
	2.3	Basic Dimension of Economic Warfare, Effects of war on National Economy.	
3.0		Nuclear Warfare.	18
	3.1	Introduction, Concept.	
	3.2	Effects of Nuclear Warfare i) Blast ii) Earth shock iii) Heat iv) Radiation	
	3.3	Use of Atom for Peace.	
4.0		Chemical and Biological Warfare	16
	4.1	Introduction- Meaning	
	4.2	Types and Methods	
	4.3	Characteristics and Prevention	
		Total	60

Suggested Readings: -

1. Andreski S., (1968) Military Organization and Society, Univ. California Press, Berkeley.
2. Anthony James Joes, (1996) Guerrilla Conflict before the Cold War, (Praeger Publishers,

3. Aron R., (1966) Peace and War: A Theory of International Relations, Praeger, New York.
4. Barringer R., (1972) War: Patterns of Conflict, MIT Press, Cambridge, Mass.
5. Blainey G., (1973) The Causes of War, Macmillan, London.
6. Montgomery Viscount, (1983) A History of warfare, William Morrow & Co. New York City.
7. Mukherji and Shyam Lal, (1952) A Textbook of Military Science Vol. II., Navayuga, New Delhi.
8. Osanka. F. M., (1962) Modern Gurrilla Warfare, Free Press of Glencoe, New York.
9. Sidhu. K.S., (1988) War and Its Principles, Atlantic, New Delhi.
10. Tripathi. K.S., (1970) Evolution of Nuclear Strategies, Vikas, New Delhi.
11. Van Evara. Stephen. (1999) Causes of war: Power and the Roots of Conflict. Cornell University, Ithaca.
12. भांगे सी.बी., (2022) युध्द आणि समकालीन युध्दपध्दती, गाझीयाबाद, स्वरांजली पब्लिकेशन.
13. विसपुते देवेन्द्र, चौधरी ए.पी.,(2024) युध्दाचे संकल्पनात्मक पैलू, जळगांव, प्रशांत पब्लिकेशन.
14. चौधरी ए.पी., चौधरी अर्चना,(1995) आधुनिक युध्दपध्दती, पुणे, निराली पब्लिकेशन.

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 6 questions.
(Each of 15 Marks for 04-credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 5 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 4 Questions.
5. Students need to solve ANY THREE of the remaining Five Question (Q.2 to Q.6) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester VI

Paper Code: HMILVC1351, Title: Disaster Management and Civil Defence

Skills (VSC)

Curriculum Details

Course pre-requisite:

1. Basic awareness of environment and society
2. Interest in community service and safety
3. Basic physical fitness

Course objectives:

1. To introduce students to concepts of disaster management and civil defence
2. To develop practical skills in emergency response and rescue operations
3. To train students in first aid and safety measures
4. To enhance community awareness and preparedness
5. To build capacity for disaster risk reduction and management

Course outcomes:

After completion, students will be able to:

1. Identify different types of disasters and their impact
2. Apply basic first aid and rescue techniques
3. Participate in disaster preparedness and mitigation activities
4. Demonstrate skills in emergency response and evacuation
5. Contribute to civil defence and community safety initiatives



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester VI

**Paper Code: HMILVC1351, Title: Disaster Management and Civil Defence
(VSC)**

Curriculum Details (for 02 Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Introduction to Disaster Management	08
	1.1	Meaning, nature, and types of disasters (natural & man-made)	
	1.2	Disaster management cycle: mitigation, preparedness, response, recovery	
	1.3	Disaster risk reduction (DRR), Role of government and agencies like National Disaster Management Authority	
2.0		Civil Defence and Community Preparedness	08
	2.1	Concept and importance of civil defence	
	2.2	Role of volunteers in disaster management	
	2.3	Community-based disaster management (CBDM), Early warning systems and evacuation planning	
3.0		Emergency Response and First Aid Skills	08
	3.1	Basic first aid (CPR, bleeding control, fractures, burns)	
	3.2	Search and rescue techniques, Fire safety and firefighting basics	
	3.3	Handling emergencies (earthquake, flood, cyclone)	
4.0		Practical Training and Skill Development	06
	4.1	Mock drills and simulation exercises	
	4.2	Evacuation and crowd management, Disaster communication and coordination	
	4.3	Field visit to disaster management authority / fire station	
		Total	30

Suggested Readings-

1. National Disaster Management Authority. (2019). *Disaster Management Guidelines*. New Delhi: Government of India.
2. United Nations Office for Disaster Risk Reduction. (2015). *Sendai Framework for Disaster Risk Reduction 2015–2030*. Geneva.
3. Coppola, D. P. (2015). *Introduction to international disaster management* (3rd ed.). Oxford: Butterworth-Heinemann.
4. Alexander, D. (2002). *Principles of emergency planning and management*. Oxford: Oxford University Press.
5. International Federation of Red Cross and Red Crescent Societies. (2018). *World disasters report*. Geneva.
1. राष्ट्रीय आपदा प्रबंधन प्राधिकरण. (2019). *राष्ट्रीय आपदा प्रबंधन योजना*. नई दिल्ली: भारत सरकार।
2. सिंह, आर. (2018). *आपदा प्रबंधन*. नई दिल्ली: प्रकाशन विभाग।
3. शर्मा, वी. (2016). *आपदा प्रबंधन एवं नागरिक सुरक्षा*. जयपुर: राजस्थान हिंदी ग्रंथ अकादमी।
4. गृहमंत्रालय भारत सरकार. *नागरिक सुरक्षा मार्गदर्शिका*. नई दिल्ली।
1. महाराष्ट्र शासन. (2018). *आपत्ती व्यवस्थापन मार्गदर्शक*. मुंबई: शासन प्रकाशन।
2. महाराष्ट्र आपत्ती व्यवस्थापन प्राधिकरण. (2019). *आपत्ती व्यवस्थापन योजना*. मुंबई।
3. पाटील, एस. (2017). *आपत्ती व्यवस्थापन आणि नागरिक संरक्षण*. पुणे: डायमंड प्रकाशन।
4. देशमुख, आर. (2015). *आपत्ती व्यवस्थापन*. पुणे: निराली प्रकाशन।

Distribution and Evaluation of Course Assessment

A. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
10	06	04	20

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1. ESA Question paper will consists of 5 questions.
(Each of 10 Marks for 02credit pattern)
2. Question No. 1 will be compulsory and shall be based on entire syllabus.
3. There will be 4 sub questions (Short notes) in Question No. 1
4. Students are required to solve a total of 3 Questions.
5. Students need to solve **Any Two** of the remaining Four Question
(Q.2 to Q.5) and shall be based on entire Syllabus.



Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities. Major in MILITARY SCIENCE (DSC)
Under Graduate Third Year Programme, Semester VI
Paper Code: HMILOJ1351, Title: On the Job Training (OJT)
Curriculum Details

Course pre-requisite:

1. Basic understanding of Military Science / Defence Studies
2. Knowledge of: National Security, Indian Armed Forces structure, Disaster Management
3. Physical fitness and discipline desirable

Course objectives:

1. To provide practical exposure to defence and security institutions
2. To develop leadership, discipline, and teamwork skills
3. To enhance field-based operational understanding
4. To promote career readiness in defence and allied sectors
5. To integrate classroom learning with real-world practice

Course outcomes:

After completing the course, students will be able to:

1. Understand functioning of defence and security organizations
2. Apply leadership and discipline in practical situations
3. Demonstrate basic field skills (drill, navigation, first aid)
4. Analyze real-world security and disaster management issues
5. Prepare professional reports and field documentation



Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in MILITARY SCIENCE (DSC)

Under Graduate Third Year Programme, Semester VI

Paper Code: HMILOJ1351, Title: On the Job Training (OJ)

Curriculum Details (for 04 Credits)

Module No.	Unit No.	Name of the Topic	Hrs. Required to cover the contents 1 Hrs.= 60 M.
1.0		Induction & Orientation	15
	1.1	Introduction to OJT & institutional guidelines (NEP 2020)	
	1.2	Structure of Indian Armed Forces	
	1.3	Role of paramilitary forces and internal security agencies	
	1.4	Discipline, code of conduct, and ethics, Basic drill and parade training	
2.0		Field Training & Institutional Attachment	15
	2.1	Attachment with any one: NCC Units / Military Units/ Police / Home Guards / Civil Defence	
	2.2	Disaster Management Authority	
	2.3	Practical Exposure: Weapon training (demonstration level), Map reading and navigation, Communication systems	
	2.4	Security procedures and surveillance	
3.0		Skill Development & Applied Practices	15
	3.1	Leadership and team-building exercises, Disaster response and rescue operations	
	3.2	First aid and emergency care	
	3.3	Fire safety and evacuation drills	
	3.4	Basics of cyber and information security	
4.0		Report Writing & Evaluation	15
	4.1	Maintenance of Daily Logbook / Field Diary	
	4.2	Case study (any defence/security issue)	
	4.3	Preparation of OJT Report	
	4.4	Seminar presentation, Viva-voce examination	
		Total	60

- **Training Areas (Flexible as per NEP 2020)**

Students may undergo OJT in:

1. Armed Forces / NCC Units
2. Police Departments
3. Disaster Management Authorities
4. NGOs (Relief & Security)
5. Security Agencies / Research Institutes
6. Home Guards
7. Army, Police Recruitment Training Centre

Required Documents

1. Joining Letter
2. Attendance Certificate
3. Supervisor Evaluation Report
4. Logbook (Daily Activities)
5. Final Project Report

(As Per University guidelines for OJT/ Internship follow all necessary details)

Important Note (NEP 2020 – OJT & MoU Requirement)

As per the guidelines of National Education Policy 2020, **On-the-Job Training (OJT) / Internship is a compulsory component** of undergraduate programmes under **experiential learning and skill enhancement**.

Mandatory Requirement:

- **OJT must be conducted through a recognized external organization** such as:
 - Defence / Armed Forces units
 - Police / Paramilitary forces
 - Disaster Management Authorities
 - NGOs / Security agencies / Industry
 - Home Guards/ Army, Police Recruitment Training Centre

MoU (Memorandum of Understanding) – Compulsory Condition

- The college/institution **must sign a formal MoU** with the concerned organization/agency before deputing students.
- **OJT cannot be conducted internally only within the college** (except simulation cases with approval).
- The MoU ensures:
 - Structured training
 - Defined roles & responsibilities
 - Student safety and supervision
 - Certification and evaluation

Institutional Responsibilities

- Establish **official collaboration (MoU)** with training partners
- Assign **faculty coordinator/supervisor**
- Ensure **minimum required training hours (120 hours for 4 credits)**

- Maintain:
 - Attendance records
 - Logbook / field diary
 - Supervisor evaluation report

Student Requirements

- Students must complete OJT in **approved external organization only**
- Maintain **daily work diary/logbook**
- Submit:
 - Training completion certificate
 - Final report
 - Presentation / viva

Compliance Note

- OJT without **MoU / official permission** will be considered **invalid** for credit award.
- Institutions must follow **university guidelines** along with NEP 2020 norms.

Suggested Readings-

1. Government of India. (2020). *National Education Policy 2020*.
2. Singh, N. (2020). *Military Studies and Defence Management*. New Delhi: XYZ.
3. Gupta, A. (2019). *National Security and Defence Studies*.

Distribution and Evaluation of Course Assessment

B. Continuous Assessment (CA) (40% of Maximum Marks):

Test I	Assignment	Attendance	Total (1+2+3)
1	2	3	4
20	12	08	40

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **One Test and One Assignment and overall attendance marks**. Total of marks scored in these one tests, one assignment and overall attendance marks of a theory paper will make CA.

B. End Semester Assessment (60% of the Maximum Marks):

1.	Work Report Submission	-	30 Marks
2.	Presentation	-	10 Marks
3.	Viva-voce	-	20 Marks
	Total	-	60 Marks