

**ANEKANT EDUCATION SOCIETY'S  
TULJARAM CHATURCHAND  
COLLEGE OF ARTS, SCIENCE AND  
COMMERCE, BARAMATI  
(AUTONOMOUS)**

**DEPARTMENT OF DEFENCE AND  
STRATEGIC STUDIES**



**CURRICULUM FOR  
THIRD YEAR BACHELOR OF ARTS  
2022 PATTERN**

**B.A. Third Year CBCS Pattern 2022****Semester Pattern****Defence and Strategic Studies**

The following shall be the scheme for examination and teaching for Defence and Strategic Studies subject for B.A. Third year

**Semester V**

Paper No.	Name of the Paper	Type of the paper	Paper Code	Number of Periods per Week	Internal Marks	External Marks	Mark Each Paper	Credits
G-III (A)	National Security Policy of India	Theory	UADS 351 (A)	04	40	60	100	03
G-III (B)	War and Warfare	Theory	UADS 351 (B)	04	40	60	100	03
S-III	Role of International Organizations	Theory	UADS 352	04	40	60	100	03
S-IV	Defence Expenditure and Economics	Theory	UADS 353	04	40	60	100	03
SEC3	Road Safety	Theory	UADSSEC-3	02	20	30	50	02

**Semester VI**

Paper No.	Name of the Paper	Type of the paper	Paper Code	Number of Periods per Week	Internal Marks	External Marks	Mark Each Paper	Credits
G-III (A)	Indias National Security	Theory	UADS 361 (A)	04	40	60	100	03
G-III (B)	Modern Warfare	Theory	UADS 361 (B)	04	40	60	100	03
S-III	International and Regional Organization	Theory	UADS 362	04	40	60	100	03
S-IV	Defence Economics	Theory	UADS 363	04	40	60	100	03
SEC4	Road Safety	Theory	UADSSEC-4	02	20	30	50	02

**Anekant Education Society's  
TULJARAM CHATURCHAND COLLEGE OF ARTS, SCIENCE AND  
COMMERCE, BARAMATI (Autonomous)  
Subject: Defence and Strategic Studies  
Class: TYBA, 2022 Pattern**

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**Paper Title: National Security Policy Of India  
Paper Code- UADS 351(A)  
Semester V**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

1. The basic Learning Objective of this course is to make aware the students about changing scenario of National Security Policy Of India
2. To provide knowledge about the various Indian Policies.
3. Through various India's strategic polices students will be able understand issues of India's national security.
4. Enrich students with critical analyzing skills regarding how national security factors influence strategy, tactics, and military operations.
5. To develop the necessary theoretical & experimental knowledge, and aptitude regarding national security issues.
6. Students can analyze what are the challenges of India's national security Post Indipendence Indias Nation Security.
7. The security has an extended meaning beyond its military dimension there is a better appreciation now of its non-military and human dimensions national security it comprises every action of the government by which a society seeks to assure its survival or realizes it's aspirations internationally aimed at to create favorable National and international condition for the protection or extension of national interest against existing or potential any methods in this context the aim of this paper is to make students to understand ever changing different issue directly or indirectly involved in this study.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Students will get through knowledge of India's internal and external security environment

CO2: Students will be able to understand India's foreign policy after independence.

CO3: Student will be able to understand India's Defence and Nuclear policy.

CO4: Student will be able to understand power rivalry in Indian Ocean region.

CO5: Student will be able to understand presence of superpowers in Indian Ocean and its impact over India's security environment.

CO6: Student will understand China's maritime strategy and the "String of Pearls" concept and evaluate its impact on India's maritime security.

CO7: Define the principles and guidelines of India's nuclear doctrine.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

1) National security

08

1.1- Meaning and Concept

1.2- Importance of National Security

1.3- Scope of National Security

1.4- Concept of India's National Security

2) India's foreign policy

10

2.1- Meaning and Objectives	
2.2- Basic Principles of India's Foreign Policy	
2.3- Determinants of India's Foreign Policy	
2.4- Evaluation of India's Foreign Policy	
3) India's Defence policy	10
3.1 - Aims and Objectives	
3.2- Evaluations of India's Defence policy	
3.3- Linkages between Foreign and Defence Policy	
4) India's nuclear policy	10
4.1- Aims and Objectives	
4.2- Peaceful uses of nuclear power	
4.3- 1974 PNE (Peaceful Nuclear Explosions)	
4.4- 1998 Test (Operation Shakti)	
4.5- India's Nuclear Doctrine	
4.6- Evaluation of India's Nuclear Policy	
5) India's Maritime Policy	10
5.1 - India's Navel Strategy and Maritime Policy	
5.2- Strategic Environment and Importance of Indian Ocean	
5.3- Presence of Superpowers in Indian Ocean	
5.4- Chinas String of Pearls	
5.5- India's Sagarmala Project	

Total= 48

**Reference:**

- 1) K Subramanyam our National Security economic and Scientific Perspective," DirectorESRF Federation House"Delhi 1952
- 2) Bandipradnya,"Making of India's Foreign Policy," Allied Publisher, Delhi,1991
- 3) Barry Nutan,"People state and Fear,National security Problem in International Relations,"Trance Asia Publisher,New Delhi.
- 4)Khan J.A. "Probing War and Warfare-APH New Delhi.
- 5) Shrikant Paranjape,"Santosh Astra (in Marathi)", Continental Pune 1994
- 6) Dr.Todkar B.D. India and World inMarathi,Diamond Publication-2010
- 7) Dr.M.L.Sali. "India-China Border Dispute" A.P.H Publication New Delhi-1998
- 8) Dr.Khare,"International Politics" K sagar Publication.(Marathi)-2011
- 9) Dr.Jadhav V.Y."India's National Security,Send Vardhan-2011
- 10) Dr.Todkar B.D."India's Foreign Policy and National Security-2009
- 11) Dr.Vijay Khare,"Influence of Social Media on India's Foreign Policy. (Pentagon Press LLP 2021)
- 12) डॉ. देवेंद्र जी. विसपुते "आंतरराष्ट्रीय सुरक्षा समस्या- प्रशांत पब्लिकेशन 2020

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-V)

**Subject:** Defence and Strategic Studies

**Course:** National Security Policy Of India

**Course Code:** UADS 351A

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

<b>Programme Outcomes (POs)</b>								
<b>Course Outcomes</b>	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	1	1	3	2	3	2	1
CO 2	1	3	1	2	1	2	1	1
CO 3	1	1	3	3	1	1	1	1
CO 4	1	1	1	2	1	1	3	1
CO 5	1	1	1	2	3	1	1	3
CO 6	2	1	1	2	1	1	1	2
CO 7	3	1	1	2	1	1	1	1

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO7 and CO6 Defining the principles and guidelines of India's nuclear doctrine involves research-related skills to understand and articulate complex concepts.
PO2	<b>Effective Citizenship and Ethics:</b> CO2 Understanding India's foreign policy requires an appreciation of citizenship and ethical considerations in the context of international relations.
PO3	<b>Social competence:</b> CO3 Understanding foreign policy involves social awareness and diplomatic interactions, contributing to social competence.
PO4	<b>Disciplinary Knowledge:</b> All the COs aligns with the need for disciplinary knowledge in the areas of defence and nuclear policy.
PO5	<b>Personal and professional competence:</b> CO5 empower Knowledge of global dynamics enhances personal and professional competence
PO6	<b>Self-directed and Life-long learning:</b> CO1: Acquiring a comprehensive understanding of India's security environment involves continuous self-directed learning, staying updated with dynamic geopolitical situations, and engaging in lifelong learning to adapt to evolving security challenges.
PO7	<b>Environment and Sustainability:</b> CO4 Understanding power rivalry in the Indian Ocean involves examining geopolitical and environmental factors, aligning with an environment and sustainability perspective.
PO8	<b>Critical Thinking and Problem solving:</b> CO5 and CO6 involves critical thinking skills to evaluate the impact of China's maritime strategy on India's security, aligning with critical thinking and problem-solving.

**Paper Title: Indias National Security**  
**Paper Code- UADS 361(A)**  
**Semester- VI**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

1. The basic Learning Objective of this course is to make aware the students about changing scenario of Indian National Security.
2. To provide knowledge about the various Indian Policies.
3. Through various India's strategic polices students will be able understand issues of India's national security.
4. Enrich students with critical analyzing skills regarding how national security factors influence strategy, tactics, and military operations.
5. To develop the necessary theoretical & experimental knowledge, and aptitude regarding national security issues.
6. Students can analyze what are the challenges of Indian National Security.
7. The security has an extended meaning beyond its military dimension there is a better appreciation now of its non-military and human dimensions national security it comprises every action of the government by which a society seeks to assure its survival or realizes it's aspirations internationally aimed at to create favorable National and international condition for the protection or extension of national interest against existing or potential any methods in this context the aim of this paper is to make students to understand ever changing different issue directly or indirectly involved in this study.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Student will be able to understand the historical context that led to the formulation of India's

CO2: Look East Policy and Analyze the geopolitical factors that influenced the initiation of the policy.

CO3: Student will be able to define and understand the concept of Geopolitical Dynamics for National Security.

CO4: Examine the historical Evaluation of the strategic environment in South Asia.

CO5: Evaluate potential trajectories for the strategic environment in South Asia.

CO6: Student will be able to explore the historical context and events that led to the formation of the China-Pakistan alliance and its impact on India's national security.

CO7: Student will be able to understand Strategic Environment of South Asia.

CO8: Analyze the geopolitical, economic, and security dynamics shaping the region.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

1) India's Look East and Act East policy	10
1.1 - Background	
1.2- Aims and Objectives	
1.3- Current Relevance	
2) Strategic environment of South Asia	15
2.1- Historical Background	
2.2- Current Status	
2.3 - Way Forward	
3) China-Pakistan Alliance	15
3.1- Historical Background	
3.2- Current Status	

### 3.3- Impact over India's National Security

#### 4) Future Reconstruction of Forces

08

##### 4.1-India's Theater Commands

##### 4.2- Reconstruction of Indian Armed Forces With special Reference to theater command

Total= 48

#### **Reference:**

- 1) K Subramanyam our National Security economic and Scientific Perspective," DirectorESRF Federation House"Delhi 1952
- 2) Bandipradnya,"Making of India's Foreign Policy,"Allied Publisher, Delhi,1991
- 3) Barry Nutan,"People state and Fear,National security Problem in International Relations,"Trance Asia Publisher,New Delhi.
- 4)Khan J.A. "Probing War and Warfare-APH New Delhi.
- 5) Shrikant Paranjape,"Santosh Astra (in Marathi)", Continental Pune 1994
- 6) Dr.Todkar B.D. India and World inMarathi,Diamond Publication-2010
- 7) Dr.M.L.Sali. "India-China Border Dispute" A.P.H Publication New Delhi-1998
- 8) Dr.Khare,"International Politics" K sagar Publication.(Marathi)-2011
- 9) Dr.Jadhav V.Y."India's National Security,Send Vardhan-2011
- 10) Dr.Todkar B.D."India's Foreign Policy and National Security-2009
- 11) Dr.Vijay Khare,"Influence of Social Media on India's Foreign Policy. (Pentagon Press LLP 2021)
- 12) डॉ. देवेंद्र जी. विसपुते "आंतरराष्ट्रीय सुरक्षा समस्या- प्रशांत पब्लिकेशन 2020



## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-VI)

**Subject:** Defence and Strategic Studies

**Course:** Indias National Security

**Course Code:** UADS 361A

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)								
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	1	1	3	1	1	1	1
CO 2	1	3	1	2	3	1	1	2
CO 3	3	1	1	3	1	3	1	1
CO 4	1	1	1	2	1	2	1	1
CO 5	1	2	1	2	1	1	1	1
CO 6	1	1	3	3	1	1	1	1
CO 7	1	1	1	2	1	1	3	3

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO1 and CO3 This outcome involves research skills in understanding historical contexts and analyzing geopolitical factors and strategic environment.
PO2	<b>Effective Citizenship and Ethics:</b> CO1 involves understanding the historical context of India's Look East Policy, which requires a consideration of ethical dimensions in foreign policy decisions and effective citizenship in the global context. Also, CO5 involves ethical considerations in international relations, aligning with the concept of effective citizenship and ethics.
PO3	<b>Social competence:</b> CO6 Understanding the strategic environment involves awareness of social dynamics and interactions within the region, aligning with social competence.
PO4	<b>Disciplinary Knowledge:</b> All COs relates to disciplinary knowledge in military strategy and command structures Area study.
PO5	<b>Personal and professional competence:</b> CO2: Defining and understanding the concept of Indian Theatre Commands requires a level of professional competence in military strategy, aligning with the development of personal and professional skills.
PO6	<b>Self-directed and Life-long learning:</b> CO3 Examining the historical evaluation of the strategic environment necessitates a commitment to continuous learning and self-directed study, aligning with the skills associated with self-directed and lifelong learning. CO4 Evaluating potential trajectories involves forecasting and analysis, which requires ongoing learning and adaptability, aligning with self-directed and lifelong learning.

PO7	<b>Environment and Sustainability: CO7:</b> Analysing the dynamics shaping the region involves considering economic, geopolitical, and security factors, aligning with an understanding of environmental and sustainability issues at both local and global levels.
PO8	<b>Critical Thinking and Problem solving: CO2 and CO7</b> This outcome requires critical thinking skills to evaluate potential trajectories for the strategic environment, Geopolitical, economic, and security dynamics.

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**Subject: Defence and Strategic Studies**  
**Class: TYBA, 2022 Pattern**

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**Paper Title: War and Warfare**  
**Paper Code- UADS 351(B)**  
**Semester- V**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

1. The basic Learning Objective of this course is to make aware the students about changing nature of warfare.
2. Aim of this paper is to evaluate the contemporary changes in warfare is especially after 1945.
3. This course is highlights on changing nature of war opening to various development inventions in science and technology.
4. Enrich students with critical analyzing skills regarding type of war and its influence on strategy, tactics, and military operations.
5. To develop the necessary theoretical & experimental knowledge, and aptitude regarding type of warfare and weponeries used in the same.
6. Students can analyze types of wars and its implications.
7. Student can understand the new modern warfare and its process of execution as well as new technological and hybrid warfare.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Understand how traditional and modern warfare waged.

CO2: Student will be able to explain the concept of various war types.

CO3: Student will be able to explain how conventional and Modern War fought.

CO4: Students will understand how recent changes in warfare affect the utility of the forces in international relations.

CO5: Students will understand how the most important political technological and military development since the end of cold war have changed the way of military forces is used.

CO6: Analyze global efforts to prevent the use of nuclear weapons and promote disarmament.

CO7: Student will Examine historical examples to illustrate the characteristics and dynamics of conventional warfare.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

1) War	10
1.1 - Meaning and Concept	
1.2 - Causes of War	
1.3- Principle of War	
1.4- Consequences of War	
2) Conventional Warfare	08
2.1- Meaning and Concept	
2.2- Changing Dimension of War from Limited to Total	
3) Hybrid Warfare	10
3.1- Meaning and Concept	
3.2- Objectives and Effectiveness	
3.3- Case Studies	
4) Nuclear Warfare	10

- 4.1- Meaning and Concept
- 4.2- Origin and Development
- 4.3- Nature of nuclear weapons and Delivery System
- 4.5- Nuclear War and Its Possible Consequences

5) Chemical and Biological Warfare

10

- 5.1- Meaning and Concept
- 5.2- Aim & Objectives
- 5.3- Methods
- 5.4- Preventive Measures

Total= 48

**Reference:**

- 1) J.F.C. fuller, "conductive war,"(London ,1961)
- 2) Clausewitz, "On War" Antok Rapport (London, 1968)
- 3) Montgomery "A History of War", (London 1968)
- 4) Gander, T.J." Nuclear, Biological and Chemical Warfare"
- 5) Khan J.A "Probing war and Warfare"
- 6) श्रीकांत परांजपे , " सामरिकशास्त्र"
- 7) James Turner Johnson "Morality and Contemporary Warfare"
- 8) प्रा. तोडकर "समकालीन युद्धपद्धती"
- 9) Vikrant Deshpande "Hybrid Warfare: The changing Character of Conflict.
- 10) प्रो. डॉ.चंद्रकांत बन्सीधर भांगे "युद्धतंत्र" स्वरांजली पब्लिकेशन गाझियाबाद उ.प्र.
- 11) प्रा. देविदास विजय भोसले "संरक्षण आणि सामरिकशास्त्र वेध स्पर्धा परीक्षांचा" स्वरांजली प्रकाशन गाझियाबाद उ.प्र.

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-V)

**Subject:** Defence and Strategic Studies

**Course:** War and Warfare

**Course Code:** (UADS 351B)

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

<b>Programme Outcomes (POs)</b>								
<b>Course Outcomes</b>	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	2	3	2	1	1	2	1
CO 2	1	1	1	3	1	1	1	1
CO 3	1	1	3	3	1	1	1	2
CO 4	1	1	1	3	1	1	1	3
CO 5	3	1	1	2	3	1	3	2
CO 6	1	3	3	2	1	3	1	1
CO 7	1	1	1	3	1	2	1	1

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO5 understanding political, technological, and military developments requires research skills, and assessing their impact involves personal and professional competence.
PO2	<b>Effective Citizenship and Ethics:</b> CO6 This aligns with the program outcome related to effective citizenship and ethics, as it involves analyzing efforts to prevent the use of nuclear weapons and promote disarmament, which has ethical and global citizenship implications.
PO3	<b>Social competence:</b> Understanding foreign policy involves social awareness and diplomatic interactions, contributing to social competence.
PO4	<b>Disciplinary Knowledge:</b> all COs aligns with the need for students to acquire disciplinary knowledge about the ways in which traditional and modern warfare is waged.
PO5	<b>Personal and professional competence:</b> CO5 empower Knowledge of global dynamics enhances personal and professional competence
PO6	<b>Self-directed and Life-long learning:</b> CO6 Self-directed and Life-long Learning: Analyzing global efforts involves research-related skills, and a commitment to self-directed and lifelong learning is necessary to stay informed about evolving global strategies for nuclear weapons prevention and disarmament.
PO7	<b>Environment and Sustainability:</b> CO5 : This outcome connects with the need to understand the broader environmental and sustainability implications of political, technological, and military developments.
PO8	<b>Critical Thinking and Problem solving:</b> CO4 involves critical thinking skills as students need to analyze and understand the implications of recent changes in warfare on the utility of forces in international relations.

**Paper Title: Modern Warfare**

**Paper Code- UADS 361 (B)**

**Semester- VI**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

1. The basic Learning Objective of this course is to make aware the students about changing nature of warfare.
2. Aim of this paper is to evaluate the contemporary changes in warfare is especially after 1945.
3. This course is highlights on changing nature of war opening to various development inventions in science and technology.
4. Enrich students with critical analyzing skills regarding type of war and its influence on strategy, tactics, and military operations.
5. To develop the necessary theoretical & experimental knowledge, and aptitude regarding type of warfare and weponeries used in the same.
6. Students can analyze types of wars and its implications.
7. Student can understand the new modern warfare and its process of execution as well as new technological and hybrid warfare.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Student will be able to understand the definition and conceptual framework of psychological warfare.

CO2: Evaluate the consequences of psychological warfare on individuals, societies, and nations.

CO3: Student will be able to Define the concept of economic warfare and its distinguishing features and analyze historical instances of economic warfare and their impact.

CO4: Analyze the impact of technology on military capabilities and strategic considerations.

CO5: Explore emerging technologies and their potential impact on the future of warfare.

CO6: Analyze the role of space in modern military strategies.

CO7: Student will be able to Define the concept of cyber warfare and its objectives and analyze the role of cyber operations in modern military strategies.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

1) Psychological Warfare	10
1.1- Meaning and Concept Objectives	
1.2- Means and Method of Psychological Warfare	
1.3- Consequences	
1.4 Helth Problems of Soldiers	
2) Economic Warfare	10
2.1- Meaning and Concept	
2.2- Aim and Objectives	
2.3- Mean and Methods	
2.4- Nature and Consequences	
3) Technological Warfare	10
3.1- Meaning Definition and Concept	
3.2- Nature and Scope	
3.3- Sources	
3.4.- Emerging Technology and its Impact in Warfare Domain	
4) Cyber Warfare	10
4.1- Meaning Definition and Objectives	
4.2- Means and Methods	
4.3- Preventive Measures	

5) Space Warfare

08

5.1- Meaning and Concept

5.2- Means and Methods

5.3- Consequences

Total= 48

**Reference:**

- 1) J.F.C. fuller, "conductive war,"(London ,1961)
- 2) Clausewitz, "On War" Antok Rapport (London, 1968)
- 3) Montagomery "A History of War", (London 1968)
- 4) Gander, T.J." Nuclear, Biological and Chemical Warfare"
- 5) Khan J.A "Probing war and Warfare
- 6) श्रीकांत परांजपे , " सामरिकशास्त्र"
- 7) James Turner Johnson "Morality and Contemporary Warfare"
- 8) प्रा. तोडकर "समकालीनयुद्धपद्धती"
- 9) Vikrant Deshpande "Hybrid Warfare: The changing Character of Conflict.
- 10) प्रो. डॉ.चंद्रकांत बन्सीधर भांगे "युद्धतंत्र" स्वरांजली पब्लिकेशन गाझियाबाद उ.प्र.
- 11) प्रा. देविदास विजय भोसले "संरक्षण आणि सामरिकशास्त्र वेध स्पर्धा परीक्षांचा" स्वरांजली प्रकाशन गाझियाबाद उ.प्र.

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-VI)

**Subject:** Defence and Strategic Studies

**Course:** Modern Warfare

**Course Code:** UADS 361B

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)								
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	2	1	3	1	1	1	1
CO 2	1	1	1	1	1	1	1	1
CO 3	1	1	3	3	1	1	1	3
CO 4	1	1	1	3	1	2	1	1
CO 5	3	1	1	1	3	1	2	3
CO 6	1	1	1	2	1	1	3	1
CO 7	1	2	1	2	1	1	1	3

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO5 Exploring emerging technologies involves research skills.
PO2	<b>Effective Citizenship and Ethics:</b> CO1: Understanding psychological warfare involves ethical considerations and awareness of the impact on individuals and societies, aligning with effective citizenship and ethical principles. CO7 Defining and analyzing cyber warfare involves ethical considerations
PO3	<b>Social competence:</b> CO2 Evaluating the consequences of psychological warfare requires social competence to understand the broader societal and national implications and to navigate the social dimensions of conflict.
PO4	<b>Disciplinary Knowledge:</b> CO1 outcome involves gaining knowledge specific to the discipline of psychological warfare. CO3 involves understanding economic warfare as a discipline-specific concept. CO4 CO6 and CO7 Understanding the relationship between technology and military capabilities is discipline-specific knowledge.
PO5	<b>Personal and professional competence:</b> CO3: Defining and analyzing economic warfare demands personal and professional competence in understanding economic principles, historical contexts, and the impact on nations.
PO6	<b>Self-directed and Life-long learning:</b> CO4 Analyzing the impact of technology requires a commitment to self-directed and life-long learning to stay abreast of evolving technological advancements and their military applications.
PO7	<b>Environment and Sustainability:</b> CO5 Exploring emerging technologies and their impact on warfare aligns with considerations of environmental sustainability, as it involves assessing the environmental implications of new technologies. CO6 Analyzing the role of space in military strategies requires personal and professional competence in understanding space technology



PO8

**Critical Thinking and Problem solving:** CO5 Assessing the potential impact on future warfare requires critical thinking. CO3 Analyzing historical instances and understanding distinguishing features require critical thinking skills. CO7 Analysing the role of cyber operations involves critical thinking.

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Subject: Defence and Strategic Studies  
Class: TYBA, 2022 Pattern**

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**Paper Title: Role of International Organization**

**Paper Code- UADS 352**

**Semester- V**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

1. The basic Learning Objective of this course is to make aware the students about various international and regional organizations and role of them in maintaining peace.
2. Aim of this paper is to evaluate the contemporary changes in world order especially after 1945.
3. Student Can analyze the main objective of formation of International and Regional Organization
4. To give the students a better understanding of the structure of international relations through various International and Regional Organization
5. To provide a general understanding of the major international organizations, with particular emphasis on the analysis of its powers and areas of operation.
6. To promote further study of the newly Emerged Organization and the United Nations.
7. To promote thought within the student how global and regional organizations play an important role in the development of legal and policy frameworks, as well as in the design of effective action plans to betterment of world Peace and development.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Student will be able to understand the role of International and regional organizations in international politics.

CO2: Student will be able to understand the role of United Nations in global peace and security.

CO3: Student will be able to understand the role of International and regional organizations in providing a place for political cooperation and coordination among member nations.

CO4: Student will be able to analyze the complex inter-relationship that exist among the Nations and between people's communities in the interdependent modern world

CO5: Student will be able to describe explain the historic and contemporary role and effects of the different international actors in the Global system.

CO6: Student will be able to explore the historical evaluation of SAARC and analyze the role that SAARC plays in promoting regional collaboration and addressing common challenges.

CO7: Analyze India's contributions to various UN initiatives and peacekeeping operations.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

1) United Nation	10
1.1- Origin and Structure of UN	
1.2- Objectives and Function of UN	
1.3- UN Bodies	
2) The UN Role in International Peace and Security	08
3) UN and Human Rights	08
4) Need to Reconstruct UN	06
5) Role of India in UN	08
6) SAARC	08
6.1- Structure Aim and Objectives	

6.2- Role and Evaluation

6.3 – Indias Role in SAARC

Total= 48

**Reference:**

- 1) Agrawal S K(RD) Essay on the Law of Treaties-Bombay Orient LongMax-1973
- 2) Saksena K.P -Reforming the United Nation-New Delhi Sage Publication-1993
- 3) Bitgrami SJR- International Organization -New Delhi, Vikas Publication-1983
- 4) Anand R.P. Newand International law- New Delhi, Vikas Publica tion 1972
- 5) Anand P. Studies in International Adjudication- New Delhi- Vikas Publication 1963
- 6) K.M. Bhosale- World economic environment -Kolhapur, Fadake Publication 2000
- 7) International Relations and politics-R.G. Waradkar, Vidya Publication, Nagpur 2001
- 8) Prof. B.Y. Kulkarni International Relations-Vidya Publication, Nagpur 2005
- 9) Dr. Todkar B D, International Relation, Diamond Publication Pune 2000
- 10) प्रा. देविदास विजय भोसले "संरक्षण आणि सामरिकशास्त्र वेध स्पर्धा परीक्षांचा" स्वरांजली प्रकाशन गाजियाबाद उ.प्र.

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-V)

**Subject:** Defence and Strategic Studies

**Course:** Role of International Organization

**Course Code:** UADS 352

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)								
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	3	3	3	1	1	1	1
CO 2	1	1	1	3	1	1	1	1
CO 3	2	2	1	3	1	3	1	1
CO 4	1	1	1	2	2	1	1	3
CO 5	1	1	1	3	1	1	3	1
CO 6	1	1	1	2	1	1	1	1
CO 7	3	1	1	1	1	1	1	1

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO7 involves exploring the historical evolution of SAARC and analyzing its role, indicating a focus on research-related skills, including information gathering and analysis.
PO2	<b>Effective Citizenship and Ethics:</b> CO3 Understanding the role of international and regional organizations requires an awareness of global citizenship, ethical considerations in international relations, and social competence in navigating diverse diplomatic environments.
PO3	<b>Social competence:</b> CO3 Understanding the role of international and regional organizations requires an awareness of global citizenship, ethical considerations in international relations, and social competence in navigating diverse diplomatic environments.
PO4	<b>Disciplinary Knowledge:</b> all COs falls under disciplinary knowledge as it involves understanding the structures, functions, and roles of international and regional organizations in the field of international politics.
PO5	<b>Personal and professional competence:</b> CO4 Analyzing complex inter-relationships in the modern world involves personal and professional competence,
PO6	<b>Self-directed and Life-long learning:</b> CO3 Understanding political cooperation and coordination through international and regional organizations contributes to personal and professional competence, requiring ongoing learning.
PO7	<b>Environment and Sustainability:</b> CO5 : This outcome connects with the need to understand the broader environmental and sustainability implications of political, technological, and military developments.
PO8	<b>Critical Thinking and Problem solving:</b> CO4 This outcome involves analyzing complex inter-relationships, which aligns with critical thinking and problem-solving skills, especially when dealing with the intricacies of international relations.

**Paper Title: International and Regional Organization**  
**Paper Code- UADS 362**  
**Semester- VI**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

1. The basic Learning Objective of this course is to make aware the students about various international and regional organizations and role of them in maintaining peace.
2. Aim of this paper is to evaluate the contemporary changes in world order especially after 1945.
3. Student Can analyze the main objective of formation of International and Regional Organization
4. To give the students a better understanding of the structure of international relations through various International and Regional Organization
5. To provide a general understanding of the major international organizations, with particular emphasis on the analysis of its powers and areas of operation.
6. To promote further study of the newly Emerged Organization and the United Nations.
7. To promote thought within the student how global and regional organizations play an important role in the development of legal and policy frameworks, as well as in the design of effective action plans to betterment of world Peace and development.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Student will be able to analyze the current role of ASEAN in promoting regional collaboration and addressing common challenges.

CO2: Understand the organizational structure of BIMSTEC and analyze the aims and objectives that guide BIMSTEC's regional cooperation.

CO3: Analyze the current role of BRICS in global governance, economic cooperation, and geopolitical dynamics.

CO4: Analyze the aims and objectives that guide the EU's regional integration and cooperation.

CO5: Student will be able to analyze the aims and objectives that guide SCO's regional cooperation.

CO6: Understand the current role of SCO in promoting security, economic cooperation, and cultural exchanges in the Eurasian region.

CO7: This course provides a comprehensive understanding of various regional and international organizations.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

1) ASEAN	10
1.1 - Structure Aim and Objectives	
1.2- Role and Evaluation	
2) BIMSTEC	10
2.1- Structure Aim and Objective	
2.2- Role and Evaluation	
3) BRICS	10
3.1- Structure Aim and Objectives	
3.2- Role and Evaluation	
4) EU	08
4.1- Structure Aim and Objectives	
4.2- Role and Evaluation	
5) Shanghai Cooperation Organization	10
5.1- Structure Aim and Objective	
5.2- Role and Evaluation	

**Reference:**

- 1) Agrawal S K(RD) Essay on the Law of Treaties-Bombay Orient LongMax-1973
- 2) Saksena K.P -Reforming the United Nation-New Delhi Sage Publication-1993
- 3) Bitgrami SJR- International Organization -New Delhi, Vikas Publication-1983
- 4) Anand R.P. Newand International law- New Delhi, Vikas Publication 1972
- 5) Anand P. Studies in International Adjudication- New Delhi- Vikas Publication 1963
- 6) K.M. Bhosale- World economic environment -Kolhapur, Fadake Publication 2000
- 7) International Relations and politics-R.G. Waradkar, Vidya Publication, Nagpur 2001
- 8) Prof. B.Y. Kulkarni International Relations-Vidya Publication, Nagpur 2005
- 9) Dr. Todkar B D, International Relation, Diamond Publication Pune 2000
- 10) प्रा. देविदास विजय भोसले "संरक्षण आणि सामरिकशास्त्र वेध स्पर्धा परीक्षांचा" स्वरांजली प्रकाशन गाजियाबाद उ.प्र.

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-VI)

**Subject:** Defence and Strategic Studies

**Course:** International and regional organizations

**Course Code:** UADS 362

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)								
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	2	1	2	1	1	1	2
CO 2	1	1	1	2	2	1	1	1
CO 3	1	1	3	2	1	1	1	3
CO 4	1	1	1	3	1	1	1	3
CO 5	1	3	1	2	1	1	1	2
CO 6	1	1	1	3	1	1	3	1
CO 7	3	1	1	3	1	3	1	1

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO7 contribute to research-related skills by providing a comprehensive understanding of various regional and international organizations, aligning with the research-oriented aspects of PO1.
PO2	<b>Effective Citizenship and Ethics:</b> CO1: This outcome requires students to engage ethically in regional collaborations, demonstrating effective citizenship by understanding and analyzing the role of ASEAN in addressing common challenges. CO5 Analyzing the aims and objectives of SCO involves effective citizenship by understanding the ethical considerations and implications of regional cooperation within the SCO framework.
PO3	<b>Social competence:</b> CO3 Understanding and analyzing the role of BRICS in global governance and economic cooperation involves social competence in assessing international relations, cooperation, and the impact on geopolitics.
PO4	<b>Disciplinary Knowledge:</b> all COs focused on disciplinary knowledge, specifically understanding the organizational structure of BIMSTEC and analyzing its aims and objectives, aligning with the need for disciplinary expertise in regional cooperation studies.
PO5	<b>Personal and professional competence:</b> CO2: Analyzing the organizational structure and objectives of BIMSTEC requires personal and professional competence in understanding the complexities of regional cooperation and diplomatic relations.
PO6	<b>Self-directed and Life-long learning:</b> CO7: Gaining a comprehensive understanding of various organizations reflects the ability to engage in self-directed and life-long learning, staying informed about global affairs and international organizations.
PO7	<b>Environment and Sustainability:</b> CO6 : SCO's role in promoting security and economic cooperation in the Eurasian region involves considerations related to the environment and sustainability, aligning with PO7.

PO8	<b>Critical Thinking and Problem solving:</b> CO1 This outcome requires students to critically analyze the current role of ASEAN, involving the application of critical thinking skills to understand complex regional collaboration dynamics CO3 Analyzing the current role of BRICS involves critical thinking and problem-solving skills to understand the complex interplay of global governance, economic cooperation, and geopolitical dynamics.CO4 and CO5 involves critical thinking skills to analyze the aims and objectives guiding the EU's regional integration and cooperation, requiring an in-depth understanding and problem-solving approach.
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**Anekant Education Society's  
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COMMERCE, BARAMATI (Autonomous)  
Subject: Defence and Strategic Studies  
Class: TYBA, 2022 Pattern**

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**Paper Title: Defence Expenditure and Economics  
Paper Code- UADS 353  
Semester- V**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

1. The basic Learning Objective of this course is to make aware the students about budgetary process for defence expenditure.
2. Aim of this paper is to evaluate the changes in defence budget especially after 1945.
3. Student Can analyze the role and contributions of public sector undertakings in defence production.
4. Student will be able to analyze India's defence Expenditure
5. Student can identify the challenges in defence production.
6. Students can analyze the defence production from 1947.
7. India spends a significant number of resources on its national defence.

Efficiency in utilization of resources is not only an economic imperative but vital for defence preparedness. Thus, the Government of India needs to create the capabilities necessary for facing future threats and challenges with the required budgetary support and correct perspectives. Against such backdrop, the aim of the paper is to teach the students the procedure of Defence Acquisition; trends in defence expenditure; trends in India's defence planning; the concept of self-reliance in Defence Production; role of Defence Public Sector Undertakings/Ordnance Factory; Private Sector Participation in Defence Production; role of Defence Research and Development etc.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Student will be able to understand budget process and defence budget.

CO2: Student will be able to understand the concept of economic warfare.

CO3: Student will be able to understand the concept like war finance and war time economy.

CO4: Student will be able to explain and analyze the impact of arm race on the nation's economy.

CO5: Student will be able to analyze the complex relations between defence and developments.

CO6: Understand the role and contributions of public sector undertakings in defence production.

CO7: Student will be able to analyze the relationship between technological advancements and defence expenditure.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

1) Salient Feature of Indian Economic System	10
2) India's Defence Budget System	08
2.1 - Budgetary Procedure	
2.2- Planning	
2.3- Structure	
3) Parliamentary Control over Defence Budget	
3.1- Estimate Committee	
3.2- Public Account Committee	
3.3- Public Undertaking Committee	
4) Defence Production in India	10

4.1- Defence Public Sector Undertaking	
4.2- Role of Private Defence Industry	
4.3- Research and Development in Defence Sector	
4.4 - Current Policies	
5) Determinants of Defence Expenditure	10
5.1- Threat Perception	
5.2- Capabilities	

Total= 48

**Reference:**

- 1) Military of Defence: Annual report
- 2) Ghosh Ashok: Indian Economy its Nature and Problem
- 3) Thomas Raju: The Defence of India: A budgetary Perspective
- 4) Subramanyam K: perspective of Defence planning
- 5) Lakshmi Y: Trends in Defence Expenditure
- 6) Romnathew: Defence production in India
- 7) Dr. Mukund Mahajan: Bhartachi Arthrachna
- 8) Dr. Laxman Kumar Behara: India's Defence Economy

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-V)

**Subject:** Defence and Strategic Studies

**Course:** Defence Expenditure and Economics

**Course Code:** UADS 353

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

<b>Programme Outcomes (POs)</b>								
<b>Course Outcomes</b>	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	3	1	3	1	1	1	1
CO 2	1	2	1	3	1	1	1	2
CO 3	1	2	3	3	1	1	1	3
CO 4	1	2	1	2	3	2	2	1
CO 5	1	2	1	3	1	3	1	1
CO 6	3	2	1	3	1	1	1	1
CO 7	1	3	1	3	1	1	1	3

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO6 Understanding the role and contributions of public sector undertakings in defence production involves research skills to gather and analyse relevant information.
PO2	<b>Effective Citizenship and Ethics:</b> All respective COs, effective ethics may be considered when examining the broader implications of defence budgets and arms races on society.
PO3	<b>Social competence:</b> CO5 Analysing complex relations between defence and developments involves social competence in understanding the broader context of societal and defence-related issues.)
PO4	<b>Disciplinary Knowledge:</b> all COs Understanding the defence budget involves knowledge in the discipline of defence and budgeting.
PO5	<b>Personal and professional competence:</b> CO4: Analysing the impact of an arms race on the nation's economy requires personal and professional competence.)
PO6	<b>Self-directed and Life-long learning:</b> CO5, Analysing complex relations between defence and development requires self-directed learning to stay informed about evolving geopolitical and strategic dynamics.
PO7	<b>Environment and Sustainability:</b> CO4: Analysing the impact of an arms race on the nation's economy relates to the broader context of environmental and sustainability considerations.
PO8	<b>Critical Thinking and Problem solving:</b> CO3, CO2 and CO7 Understanding war finance and wartime economy involves critical thinking to navigate through the complexities of financial and economic aspects during times of conflict.

**Paper Title: Defence Economics**  
**Paper Code- UADS 363**  
**Semester- VI**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

1. The basic Learning Objective of this course is to make aware the students about budgetary process for defence expenditure.
2. Aim of this paper is to evaluate the changes in defence budget especially after 1945.
3. Student Can analyze the role and contributions of public sector undertakings in defence production.
4. Student will be able to analyze India's defence Expenditure
5. Student can identify the challenges in defence production.
6. Students can analyze the defence production from 1947.
7. India spends a significant number of resources on its national defence.

Efficiency in utilization of resources is not only an economic imperative but vital for defence preparedness. Thus, the Government of India needs to create the capabilities necessary for facing future threats and challenges with the required budgetary support and correct perspectives. Against such backdrop, the aim of the paper is to teach the students the procedure of Defence Acquisition; trends in defence expenditure; trends in India's defence planning; the concept of self-reliance in Defence Production; role of Defence Public Sector Undertakings/Ordnance Factory; Private Sector Participation in Defence Production; role of Defence Research and Development etc.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Student will be able to understand how defense policies and investments can impact a nation's overall development.

CO2: Identify and understand the characteristics of a war-time economy.

CO3: Analyze how economic activities change during times of conflict.

CO4: Explore the various sources of war finance.

CO5: Student will be able to explore the scope of economic warfare and its impact on national and international economic systems.

CO6: Student will be able to assess the holistic factors that contribute to a nation's capacity for war.

CO7: The course aims to equip students with insights into the economic dimensions of conflict and warfare.

**CONTENT**

**Credit: 3**

**No of Lectures: 48**

1) Defence and Development	10
2) War Finance	10
2.1 - Importance	
2.2- Source Effects	
3) Economic Warfare	10
3.1- Nature	
3.2- Scope	
3.3- Means	
4) War Potential	08
4.1- Economic Elements Contributory Elements	
4.2- Strategic Minerals	
4.3 Supply Chain Security	

Total= 48

**Reference:**

- 1) Military of Defence: Annual report
- 2) Ghosh Ashok: Indian Economy its Nature and Problem
- 3) Thomas Raju: The Defence of India: A budgetary Perspective
- 4) Subramanyam K: perspective of Defence planning
- 5) Lakshmi Y: Trends in Defence Expenditure
- 6) Romnathew: Defence production in India
- 7) Dr. Mukund Mahajan: Bhartachi Arthachna
- 8) Dr. Laxman Kumar Behara: India's Defence Economy

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-VI)

**Subject:** Defence and Strategic Studies

**Course:** Defence Economics

**Course Code:** UADS 363

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

<b>Programme Outcomes (POs)</b>								
<b>Course Outcomes</b>	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	1	1	1	3	1	1	1	1
CO 2	1	1	1	2	1	3	1	1
CO 3	2	1	1	3	1	1	1	2
CO 4	3	1	1	3	1	1	1	1
CO 5	1	1	3	3	1	1	3	
CO 6	1	3	1	2	1	1	1	3
CO 7	1	1	1	2	3	3	1	1

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO4 Exploring various sources of war finance involves research to identify and understand the financial mechanisms supporting war efforts. This aligns with research-related skills.
PO2	<b>Effective Citizenship and Ethics:</b> CO6: Assessing holistic factors contributing to a nation's capacity for war involves ethical considerations and an understanding of effective citizenship in the context of national security and defense.
PO3	<b>Social competence:</b> CO5 Understanding the scope of economic warfare and its impact on national and international economic systems requires social competence to navigate the broader societal implications. CO3 Analyzing changes in economic activities during conflict necessitates research skills to gather and analyze data. It also involves critical thinking to understand the dynamics of economic shifts in such contexts.
PO4	<b>Disciplinary Knowledge:</b> All COs focuses on understanding the impact of defense policies on national development, aligning with the broader disciplinary knowledge related to defense, security studies, and national development.
PO5	<b>Personal and professional competence:</b> CO7: Equipping students with insights into the economic dimensions of conflict contributes to their personal and professional competence in understanding the broader context of warfare.
PO6	<b>Self-directed and Life-long learning:</b> CO7: Equipping students with insights into the economic dimensions of conflict encourages self-directed learning. This aligns with the goal of fostering a mindset for lifelong learning and staying informed about evolving topics.CO2 Understanding the characteristics of a war-time economy requires a level of professional competence in economic analysis. This outcome aligns with the development of personal and professional competence in the context of economic understanding during wartime.

PO7	<b>Environment and Sustainability:</b> CO5: Economic warfare has broader implications on national and international economic systems, and understanding this scope aligns with the environmental and sustainability aspects of the program.
PO8	<b>Critical Thinking and Problem solving:</b> CO6 and CO3 Assessing holistic factors contributing to a nation's capacity for war requires critical thinking skills to analyze multifaceted aspects and formulate solutions.

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**Subject: Defence and Strategic Studies**  
**Class: TYBA, 2022 Pattern**

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**Paper Title: Road Safety**  
**Paper Code- UADSSEC-3**  
**Semester- V**

**Course Objective:**

The objective of this paper is to make aware the students of the following key points.

- 1) Understand the importance of road safety education in reducing accidents and promoting safer road behavior.
- 2) Identify the reasons why road safety is essential for preventing accidents, injuries, and fatalities.
- 3) Interpret statistics and trends related to road accidents at the national level.
- 4) Recognize common road signs and their meanings.
- 5) Identify specific challenges and opportunities for improving road safety within the state.

These course objectives are designed to guide students in developing a comprehensive understanding of road safety issues and the factors influencing road safety at local, national, and global levels. They provide clear learning outcomes that align with the content covered in each unit of the syllabus.

**Course Outcome:**

A candidate who has completed his or her qualification will have the following learning outcomes in terms of Knowledge, skills, and concepts.

CO1: Student will be able to understand the importance of road safety education in mitigating road accidents and promoting public welfare.

CO2: Student will be able to understand demonstrate knowledge Recognition of the Need for Road Safety

CO3: Student will be able to understand Integration of Road Safety with Human Security

CO4: Students will be able to understand Appreciation Students will be of the Importance of Studying Road Safety

CO5: Students will be able to demonstrate of Knowledge of Road Infrastructure and Its Impact

CO6: Students will be able to Appreciation of the Importance of Studying Road Safety

CO7: Student will be able to understand Interpretation of Traffic Signs and Signals

**CONTENT**

**Credit: 2**

**UNIT: 1 Conceptual framework of Road Safety** **10**

1.1 Introduction

1.2 Meaning

1.3 Need Road Safety

**UNIT: 2 Road Safety & Security** **10**

2.1 Human Security

2.2 Road Safety & Human Security

2.3 Importance of Study of Road Safety

**UNIT : 3 Traffic Signs and Signals** **10**

3.1 Meanings

3.2 Traffic Signs

3.3 Traffic Signals

Total = 30



**References: –**

1. Dealing With Disaster Awareness Preparedness Response mini of Urban Developme401,2004
2. The Report of the working group on Road various five year plan 401.
3. Disaster Management Act-2005-Gazzet of India, 2005
4. Sunder Committee Report on Road safety and Traffic Management 2006
5. Accidental Death in India, Ministry of Home Affair 401 Various
6. Practical Guide on Road Safety, International Federation of Red Cross and Red Crescent society Geneva-2007
7. Dinesh Mohan, Road Traffic Injuries in India, Indian Institute of Technology, New Delhi 2009
8. P.S. Pasaricho, Road safety Guide, Natasha Publication, Mumbai 2006
9. Paleri Prabhakaran, National Security Imperative and Challenges, Tata Mac Grew-Hill New Delhi, 2008
10. The world Report on Road Traffic Injury Prevention, WHO and World Bank, Geneva 2004
11. Yogesh Bagul, Safe Driving Manual (Marathi) Akanksha Publication Pune,2010

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-V)

**Subject:** Defence and Strategic Studies

**Course:** Road Safety

**Course Code:** UADSSEC-3

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or

Programme Outcomes (POs)								
Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1				3				
CO2							3	
CO3		3	3					
CO4						3		
CO5	3							
CO6					3			
CO7								3
CO8								

#### Justification for the mapping

<b>PO1</b>	Research-Related Skills: CO5: Students will be able to demonstrate of Knowledge of Road Infrastructure and Its Impact
<b>PO2</b>	Effective Citizenship and Ethics: CO3: Student will be able to understand Integration of Road Safety with Human Security.
<b>PO3</b>	Social competence: CO3: Student will be able to understand Integration of Road Safety with Human Security
<b>PO4</b>	Disciplinary Knowledge: CO1: Student will be able to understand the importance of road safety education in mitigating road accidents and promoting public welfare.
<b>PO5</b>	Personal and professional competence: CO6: Students will be able to Appreciation of the Importance of Studying Road Safety
<b>PO6</b>	Self-directed and Life-long learning: CO4: Students will be able to understand Appreciation Students will be of the Importance of Studying Road Safety
<b>PO7</b>	Environment and Sustainability: CO2: Student will be able to understand demonstrate knowledge Recognition of the Need for Road Safety
<b>PO8</b>	Critical Thinking and Problem solving: CO7: Student will be able to understand Interpretation of Traffic Signs and Signals.

**Paper Title: Road Safety**  
**Paper Code- UADSSEC-4**  
**Semester- VI**  
**CONTENT**

**Credit: 3**

**UNIT: 1 Conceptual framework of Road Safety** **10**

1.1 Introduction

1.2 Meaning

1.3 Need Road Safety

**UNIT: 2 Road Safety & Security** **10**

2.1 Human Security

2.2 Road Safety & Human Security

2.3 Importance of Study of Road Safety

**UNIT: 3 Traffic Signs and Signals** **10**

3.1 Meanings

3.2 Traffic Signs

3.3 Traffic Signals

Total = 30

**References: –**

1. Dealing with Disaster Awareness Preparedness Response mini of Urban Developme401,2004
2. The Report of the working group on Road various five-year plan 401.
3. Disaster Management Act-2005-Gazzet of India, 2005
4. Sunder Committee Report on Road safety and Traffic Management 2006
5. Accidental Death in India, Ministry of Home Affair 401 Various
6. Practical Guide on Road Safety, International Federation of Red Cross and Red Crescent society Geneva-2007
7. Dinesh Mohan, Road Traffic Injuries in India, Indian Institute of Technology, New Delhi 2009
8. P.S. Pasaricho, Road safety Guide, Natasha Publication, Mumbai 2006
9. Paleri Prabhakaran, National Security Imperative and Challenges, Tata Mac Grew-Hill New Delhi, 2008
10. The world Report on Road Traffic Injury Prevention, WHO and World Bank, Geneva 2004
11. Yogesh Bagul, Safe Driving Manual (Marathi) Akanksha Publication Pune,2010

## Choice Based Credit System Syllabus (2022 Pattern)

### Mapping of Program Outcomes with Course Outcomes

**Class:** TYBA (SEM-VI)

**Subject:** Defence and Strategic Studies

**Course:** Road Safety

**Course Code:** UADSSEC-4

**Weightage:** 1= weak or low relation, 2= moderate or partial relation, 3= strong or

Programme Outcomes (POs)								
Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1				3				
CO2							3	
CO3		3	3					
CO4						3		
CO5	3							
CO6					3			
CO7								3
CO8								

#### Justification for the mapping

PO1	<b>Research-Related Skills:</b> CO5: Students will be able to demonstrate of Knowledge of Road Infrastructure and Its Impact
PO2	<b>Effective Citizenship and Ethics:</b> CO3: Student will be able to understand Integration of Road Safety with Human Security.
PO3	<b>Social competence:</b> CO3: Student will be able to understand Integration of Road Safety with Human Security
PO4	<b>Disciplinary Knowledge:</b> CO1: Student will be able to understand the importance of road safety education in mitigating road accidents and promoting public welfare.
PO5	<b>Personal and professional competence:</b> CO6: Students will be able to Appreciation of the Importance of Studying Road Safety
PO6	<b>Self-directed and Life-long learning:</b> CO4: Students will be able to understand Appreciation Students will be of the Importance of Studying Road Safety
PO7	<b>Environment and Sustainability:</b> CO2: Student will be able to understand demonstrate knowledge Recognition of the Need for Road Safety
PO8	<b>Critical Thinking and Problem solving:</b> CO7: Student will be able to understand Interpretation of Traffic Signs and Signals.