

**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**

**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-Indias Theater Commands	
4.2- Reconstrucation 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	Research-Related Skills: CO1 and CO3 This outcome involves research skills in understanding historical contexts and analyzing geopolitical factors and strategic environment.
PO2	Effective Citizenship and Ethics: 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	Social competence: CO6 Understanding the strategic environment involves awareness of social dynamics and interactions within the region, aligning with social competence.
PO4	Disciplinary Knowledge: All COs relates to disciplinary knowledge in military strategy and command structures Area study.
PO5	Personal and professional competence: 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	Self-directed and Life-long learning: 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	Environment and Sustainability: CO7: 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	Critical Thinking and Problem solving: CO2 and CO7 This outcome requires critical thinking skills to evaluate potential trajectories for the strategic environment, Geopolitical, economic, and security dynamics.

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COMMERCE, BARAMATI (Autonomous)
Subject: Defence and Strategic Studies
Class: TYBA, 2022 Pattern**

**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 / Modern Technology in 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	Research-Related Skills: CO5 Exploring emerging technologies involves research skills.
PO2	Effective Citizenship and Ethics: 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	Social competence: 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	Disciplinary Knowledge: 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	Personal and professional competence: CO3: Defining and analyzing economic warfare demands personal and professional competence in understanding economic principles, historical contexts, and the impact on nations.
PO6	Self-directed and Life-long learning: 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	Environment and Sustainability: 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. CO3Analyzing 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**

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	

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 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	Research-Related Skills: 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	Effective Citizenship and Ethics: 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	Social competence: 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	Disciplinary Knowledge: 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	Personal and professional competence: 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	Self-directed and Life-long learning: 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	Environment and Sustainability: 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	Critical Thinking and Problem solving: 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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Subject: Defence and Strategic Studies
Class: TYBA, 2022 Pattern

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

Programme Outcomes (POs)								
Course Outcomes	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	Research-Related Skills: 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	Effective Citizenship and Ethics: 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	Social competence: 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	Disciplinary Knowledge: 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	Personal and professional competence: 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	Self-directed and Life-long learning: 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	Environment and Sustainability: 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	Critical Thinking and Problem solving: 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

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

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 Road network and its Impact 10

1.1 Types of Roads

1.2 Road signs

1.3 License System of Vehicles

UNIT: 2 Natural Calamities and Road 10

2.1 Analyses of Road Accidents

2.2 Scale of Road Accidents (National Contest)

2.3 Scale of Road Accidents (Maharashtra State Contest)

UNIT : 3 Traffic Signs and Signals 10

3.1 Road Safety Facts

3.2 Initiatives of Corporate world for Road Safety

3.3 Transport and Safety Initiatives

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
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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 or direct relation

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