

**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  
2019 PATTERN**

## B.A. Third Year CBCS Pattern 2019

### 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)	India's National Security in 21st Century	Theory	3501(A)	04	40	60	100	03
G-III (B)	War and Contemporary Warfare	Theory	3501(B)	04	40	60	100	03
S-III	International and Regional Organizations	Theory	3502	04	40	60	100	03
S-IV	Defence Economics	Theory	3503	04	40	60	100	03

#### 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)	India's National Security in 21st Century	Theory	3601(A)	04	40	60	100	03
G-III (B)	War and Contemporary Warfare	Theory	3601(B)	04	40	60	100	03
S-III	International and Regional Organizations	Theory	3602	04	40	60	100	03
S-IV	Defence Economics	Theory	3603	04	40	60	100	03

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**Class: TYBA, 2019 Pattern**

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TYBA G3 (A)

**India's National Security in 21st Century**

**Aims & Objectives:**

1) 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 its 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.

**Outcome:**

- 1) Students can analyze what are the challenges of India's national security in 21st century and its solution
- 2) Through various India's strategic polices students will be able understand issues of India's national security.

**Semester- I**

1) National security	08
- Meaning and Concept	
- Importance of National Security	
- Scope of National Security	
- Concept of India's National Security	
2) India's foreign policy	10
- Meaning and Objectives	
- Basic Principles of India's Foreign Policy	
- Determinants of India's Foreign Policy	
- Evolution of India's Foreign Policy	
3) India's Defence policy	10
- Aims and Objectives	
- Evolutions of India's Defence policy	
- Linkages between Foreign and Defence Policy	
4) India's nuclear policy	10
- Aims and Objectives	
- Peaceful uses of nuclear power	
- 1974 PNE (Peaceful Nuclear Explosions)	
- 1998 Test (Operation Shakti)	
- India's Nuclear Doctrine	
- Evolution of India's Nuclear Policy	

5) India's Maritime Policy	10
- India's Navel Strategy and Maritime Policy	
- Strategic Environment and Importance of Indian Ocean	
- Presence of Superpowers in Indian Ocean	
- Chinas String of Pearls	
- India's Sagarmala Project	

Total= 48

### Semester- II

6) India's Look East and Act East policy	10
- Background	
- Aims and Objectives	
- Current Relevance	
7) Indian Theatre Command	08
8) Strategic environment of South Asia	15
- Historical Background	
- Current Status	
- Way Forward	
9) China-Pakistan Alliance	15
- Historical Background	
- Current Status	
- Impact over India's National Security	

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. देवेन्द्र जी. विसपुते "आंतरराष्ट्रीय सुरक्षा समस्या- प्रशांत पब्लिकेशन 2020

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TYBA G3 (B)

**War and Contemporary Warfare**

**Aims & Objectives:**

Aim of this paper is to evaluate the contemporary changes in warfare is especially after 1945 this course is highlights on changing nature of War opening to various development inventions in Science and Technology

**Outcome:**

- 1) Student can Understand the New modern warfare and its process of execution.
- 2) Student will be able to provide policy input while tackling the New technological and hybrid warfare.

**Semester- I**

1) War	08
- Meaning and Concept	
- Causes of War	
- Principle of War	
- Consequences of War	
2) Conventional Warfare	08
- Meaning and Concept	
- Changing Dimension of War from Limited to Total	
3) Hybrid Warfare	10
- Meaning and Concept	
- Objectives and Effectiveness	
- Case Studies	
4) Nuclear Warfare	10
- Meaning and Concept	
- Origin and Development	
- Nature of Nuclear Weapons and Delivery System	
- Nuclear War and Its Possible Consequences	
5) Chemical and Biological Warfare	08
- Meaning and Concept	
- Aim & Objectives	
- Methods	
- Preventive Measures	

Total= 48

**Semester- II**

6) Psychological Warfare	10
- Meaning and Concept Objectives	
- Means and Method of Psychological Warfare	
- Consequences	
7) Economic Warfare	10
- Meaning and Concept	
- Aim and Objectives	

- Mean and Methods	
- Nature and Consequences	
8) Technological Warfare	10
- Meaning Definition and Concept	
- Nature and Scope	
- Sources	
- Emerging Technology and its Impact in Warfare Domain	
9) Cyber Warfare	10
- Meaning Definition and Objectives	
- Means and Methods	
- Preventive Measures	
10) Space Warfare	08
- Meaning and Concept	
- Means and Methods	
- 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) ShrikantParanjpe," Samarikshastra"
- 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.

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TYBA S3

**International and Regional Organization**

**Aims & Objectives:**

- 1) To give the students a better understanding of the structure of international relations through various International and Regional Organization
- 2) To provide a general understanding of the major international organizations, with particular emphasis on the analysis of its powers and areas of operation.
- 3) To promote further study of the newly Emerged Organization and the United Nations.

**Outcome:**

- 1) Student Can analyze the main objective of formation of International and Regional Organization
- 2) 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.

**Semester- I**

1) United Nation	10
- Origin and Structure of UN	
- Objectives and Function of UN	
- 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	10
6) SAARC	06
- Structure Aim and Objectives	
- Role and Evolution	

Total= 48

**Semester- II**

7) ASIAN	10
- Structure Aim and Objectives	
- Role and Evolution	
8) BIMSTEC	10
- Structure Aim and Objective	
- Role and Evolution	
9) BRICS	10
- Structure Aim and Objectives	
- Role and Evolution	
10) EU	08
- Structure Aim and Objectives	
- Role and Evolution	
11) Shanghai Cooperation Organization	10
- Structure Aim and Objective	



**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.

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TYBA S4  
**Defence Economics**

**Aims & Objectives:**

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.

**Outcome:**

- 1) Student will be able to analyze India's defence Expenditure
- 2) Students can analyze the defence production from 1947.
- 3) Student can identify the challenges in defence production

**Semester- I**

1) Salient Feature of Indian Economic System	10
2) India's Defence Budget System	08
- Budgetary Procedure	
- Planning	
- Structure	
3) Analysis of India's Defence Expenditure from 1947 to Update	10
4) Defence Production in India	10
- Defence Public Sector Undertaking	
- Private Defence Industry	
- Research and Development in Defence Sector	
- Current Policies	
5) Determinants of Defence Expenditure	10
- Threat Perception	
- Capabilities	

Total= 48

**Semester- II**

6) Defence and Development	10
7) War Time Economy	10
- Characteristics	
- Means	
- Problem	
8) War Finance	10
- Importance	
- Source Effects	
9) Economic Warfare	10
- Nature	

- Scope

- Means

10) War Potential

08

- Economic Elements Contributory Elements

- Strategic Minerals

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

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TYBA (Certificate Course)  
**Industrial Security**

**Objectives:**

- 1) Understanding Industrial Security
- 2) Understanding importance of industrial security

**Outcomes:**

- 1) Identify the challenges in industrial security.
- 2) Students can identify the industrial security threats.
- 1) Introduction of Industrial Security
  - i) Concept, Organization structure
  - ii) Importance of vigilance
  - iii) Types of vigilance
  - iv) Role of CISF in Government Industries
  - v) Private Security Forces
- 2) Types of disaster in Industrial security
  - i) Category of Industry
  - ii) Electricity Grid
  - iii) Perimeter Wall
  - iv) Data Security
- 3) Laws and Management of Industrial Security
  - i) Laws for Industrial Safety
  - ii) Insurance for Industrial Security
  - iii) Types of Disasters & its Management
  - iv) Personal Safety
- 4) Internship & Report Compulsory
  - i) Compulsory internship in Industry and report writing & Submission

**Reference:**

- 1) R.P. Sharma, Industrial Security Management, New Age International (P) Limited, New Delhi, 2005.
- 2) David L. Russell, Pieter C. Arlow, Industrial Security Managing Security in the 21st Century, Wiley Publication, USA, 2015

- 3) United States. Department of Defence, Industrial Security Manual for Safeguarding Classified Information, Michigan State University, USA, 2014
- 4) John R. Vacca, Cyber Security and IT Infrastructure Protection, Elsevier Science, USA, 2013.