Proposed Syllabus MA/M.Sc. Defence Studies
July 2012 Onwards
C.C.S. University, Meerut

MA/M.Sc. Course of Defence Studies is divided into 4 Semester. Each Semester contains four Theory papers and one Practical. Each paper and Practical is of 100 Marks. Therefore, 4 Semesters shall have 2000 Marks in all. The Candidate has to qualify in Theory and Practical separately.

**Semester – I**

**Paper-I**
Strategic Thought (Compulsory) – 1

**Paper-II**
War and International Relations (Compulsory) – 1

**Paper-III**
Economic Aspects of War (Compulsory) – 1

**Paper-IV**
Insurgency and Counter-Insurgency

**Or**
Himalaya Kingdoms (Nepal, Bhutan)

**Practical:**
(a) Tour and Tour Report on India's Sites of Strategic Importance – 50 Marks
(b) Viva-Voce – 50 Marks

**Semester – II**

**Paper-I**
Strategic Thought (Compulsory) – 2

**Paper-II**
War and International Relations Since 1945 (Compulsory) – 2

**Paper-III**
Economic Aspects of War (Compulsory) – 2

**Paper-IV**
Indian Ocean
Or
Theories of War and Peace

Practical:
(a) Sketching and Strategic Spotting – 50 Marks
   (i) Countries of NATO and E.U.
   (ii) NAM Countries
   (iii) Countries of SAARC, ASEAN, West Asia, Nuclear Weapon States (NWS)
   (iv) UN-Main Agencies.
   (v) Prime World Sea-Lanes.
(b) Viva-Voce – 50 Marks

Semester – III
Paper-I
National Security (Compulsory) – 1

Paper-II
International Law-Laws of Peace (Compulsory) – 1

Paper-III
Disarmament and Arms Control (Compulsory) – 1

Paper-IV
Indian Military History – 1
Or
Disaster Management – 1

Practical:
(a) Research Methodology – 50 Marks

Unit-I Introduction:
(a) Understanding of broader, narrow and specific field of Defence & strategic studies.
(b) Definition and objectives of Research.
(c) Research Process.

Unit-II: Formulation of Research Problem:
(a) Sources of Research Problem
(b) Determination of Research Objectives.

Unit –III: Research Planning:
(a) Literature Scanning (sources of information, Review Procedure, Research Gap & Question
(b) Constructing Hypotheses
(c) Conceptualizing Research Design with Variables Concepts.

Unit –IV: Basics of Statistics:
(a) Techniques of Data Collection, Analysis and Presentation
(b) Measurement and Scaling techniques
(c) Types of Analysis
(d) Use of Computers (d) Sample and Sampling Techniques.

Unit –V: Dissertation Format:
(a) Preliminary pages and main text.
(b) Use of footnotes, end-notes, Bibliography, Abbreviations and Referencing.
(c) Points for final checking.

(b) Viva-Voice- 50 Marks.

Semester – IV
Paper-I
Indian National Security (Compulsory) – 2

Paper-II
International Law-Laws of War (Compulsory) – 2

Paper-III
Disarmament and Arms Control (Compulsory) – 2

Paper-IV
Indian Military History – 2
Or
Disaster Management – 2

Practical:
1. Dissertation on a Contemporary Strategic Topic on the Basis of Research Methodology – 50 Marks
2. Viva-Voice- 50 Marks.
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MA/M.Sc. 1st Semester
Course – I Strategic Thought – I [M.M.: 100]

Unit–I
2. Principles and Reforms under Napoleonic Warfare.

Unit–II

Unit–III

Unit–IV
1. Moltke & Schlieffen – The Prussian – German School of Strategic Thought.
2. Foch – The French School of Strategic Thought.

Reference Books
2. J.F.C. Fuller – Conduct of War.
5. Shekhar Adhikari : Modern Strategic Thought.
MA/M.Sc. 1st Semester
Course – II War & International Relations – I [M.M.: 100]

Unit–I
1. Traditional approaches - (i) Utopian Liberalism (Idealism)
   (ii) Realism.
2. (i) Decision – Making Theories (ii) Game Theory (iii) Neo – Liberalism
   (iv) Neo – Realism.

Unit–II

Unit–III
1. Nature of War.
2. Types of War: Conventional, Unconventional, Limited and NBC War.

Unit–IV
1. Deterrence & Détente.
2. Cold War.

Unit–V
1. War as an Instrument of State Policy.
2. Role of Forces in the Nuclear Age.

Unit–V
1. Diplomacy
2. India’s Approach to Peace in the Contemporary World.

Reference Books
1. Howard, Michal – Study of War and Peace (Temple Smith)
2. Huntington – Chain Pattern of Military Politics.
6. Waltz Kenneth – The man, the state and the war.
7. संजय कुमार — अन्तरराष्ट्रीय राजनीति।
MA/M.Sc. 1st Semester

Course – III  Economic Aspects of War – I  [M.M.: 100]

Unit–I
1. Definition and Concept of Defence Economics.
2. Essential Elements of Defence Economics (3M Planning).

Unit–II

**Pre-War:**
1. **Internal Preparations:**
   Defence in peace time, its real burden and economic effects. Nature and estimate of war potential, Economic preparedness for war. Economics of Defence in the Nuclear Age (Elementary treatment).
2. **External Preparations:**
   Economic strategy to secure access to foreign sources of raw materials. Foreign Countries dependence on trade with the home country.

Unit–III

**During War:**
1. **Internal:**
   The contrast between the Economics of war and peace. Mobilisation and transfer of manpower and resources, priority and allocation, price control and rationing.
2. **Financial:**

Unit–IV

**Post-War:**
1. The transition from War to Peace, Reconstruction and Impact of war on the Economy.
2. Post-War Economy.
3. Defence & Development.

**Reference Books**

Prof. S.P. Pandey – Defence Economics.
Prof. Meena Dutta – Defence Economics.
MA/M.Sc. 1st Semester

Course – IV  Insurgency and Counter Insurgency  [M.M.: 100]

**Unit–I**
1. Revolt and Insurgency, Guerilla Warfare and Revolutionary Wars.
2. Phases of Insurgency.

**Unit–II**

**Unit–III**
1. Various Criteria governing Insurgency, Urban Guerillas.
2. Counter Insurgency; its Principles and Applications.

**Unit–IV**

*Thinkers*
1. MAO-TSE-TUNG.
2. Lenin.
3. Ch-Guevera.

**Unit–V**
1. Failure of Insurgency in Malaya.
2. Success of Insurgency in Indo-China.

**Reference Books**
2. Guerilla warfare by Mao Tse Tung & Che Guevera Captain B.H. LIDDELHART.
3. Dr. Parsuram Gupta – Guerilla Yadhakarm.
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### MA/M.Sc. 1st Semester

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<th>Himalaya Kingdom (Nepal &amp; Bhutan)</th>
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#### Unit–I

1. Geo-Strategic Importance of Himalaya Kingdoms.
2. India-Nepal Relations.

#### Unit–II

1. Foreign Policy.
2. Strategic Importance and Geo-Political Location of Nepal.

#### Unit–III

1. Economic and Trade Condition in Nepal and Role of India.
2. Role of Nepal in India's Security.

#### Unit–IV

1. India-Bhutan Relations.
2. Foreign Policy of Bhutan.

#### Unit–V

1. Geo-Political Location & Strategic Importance of Bhutan.
2. Economic and Trade Relations of Bhutan with India.

#### Unit–VI

1. Importance of Chumbi Valley.
2. Role of Nepal & Bhutan in SAARC.

### Reference Books

2. Benerjee: India's Borderlands.
Course – II

MA/M.Sc. II\textsuperscript{nd} Semester

**Strategic Thought – II**

[M.M.: 100]

**Unit–I**

1. Allied Strategy in World War II
2. Ludendorff & Hitler: German Concept of Total War.

**Unit–II**


**Unit–III**


**Unit–IV**


**Unit–V**

1. Strategic Thought in the Nuclear Age:

**Reference Books**

2. J.F.C. Fuller – Conduct of War.
5. H. Kissinger – Nuclear Weapons and Foreign Policy.
### Proposed Syllabus MA/M.Sc. Defence Studies

**July 2012 Onwards**

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**MA/M.Sc. IInd Semester**

**Course – II**  
War and International Relations Since 1945 – II  

[M.M.: 100]

| Unit–I |  
|---|---|  
| 1. | Concept and Elements of National Power.  

| Unit–II |  
|---|---|  

| Unit–III |  
|---|---|  
| 2. | Peace-Keeping in International Politics.  
| 3. | Pillars of Peace.  
| 4. | Causes, Abolition and Control of Wars.  

| Unit–IV |  
|---|---|  
| 1. | Development of India's Relations with U.S.A., Russia and China.  

| Unit–V |  
|---|---|  
| 1. | Environment and Culture.  

### Reference Books

1. Politics among Nations – Morgenthau Hans J.  
2. Study of War & Pace (Temple Smith) – Howard, Michal.  
5. Relevance of Non-Align Movement after Desolation of Soviet-Union – Dr. Sashi Pandey.  
6. International Relations – Dr. Pushpesh Pant.  
8. संयुक्त कुमार – अन्तर्राष्ट्रीय राजनीति  
9. संयुक्त कुमार व अनुराग जायसवाल – राष्ट्रीय सुरक्षा.
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### Unit–I

**System Analysis for Defence –**


2. India's Nuclear and Space Program and Energy Resources.

### Unit–II

1. Economic Constraints in Defence Planning and Management.


### Unit–III

1. Determinants of Planning's, Programming and Budgeting.

2. Efforts of Defence Budgeting in India Since 1947.

### Unit–IV

1. Impact of Economic Liberalisation and Globalization on India.

2. Economic Warfare in the Contemporary Period.

### Unit–V


2. Transfer of Defence Technology.

### Reference Books

1. Prof. S.P. Pandey – Defence Economics.

2. Prof. Meena Dutta – Defence Economics (Other Books and Journals recommended by the Teachers.)
Proposed Syllabus MA/M.Sc. Defence Studies  
July 2012 Onwards  
C.C.S. University, Meerut

MA/M.Sc. II\textsuperscript{nd} Semester  
Course – IV Indian Ocean  
[M.M.: 100]

\textbf{Unit–I}  
1. Indian Ocean Region in its Geographical Setting.  
2. Coastal and Hinterland States, and Island Territories.

\textbf{Unit–II}  
1. Political, Strategic, Economic and Military Importance of Indian Ocean.  
2. Interest of External Power : U.S.A. Russia, China, Pakistan, Srilanka.

\textbf{Unit–III}  
India’s Security & Indian Ocean Region.  
1. Historical Background.  
2. Pattern of India’s Security (a) India’s Sea Power before 1947 (A brief Study) (b) India’s Sea Power after 1947.

\textbf{Unit–IV}  
Future Trends and Prospect of Security in the Region.  
1. Maritime Strategy of India.  

\textbf{Unit–V}  
1. Concept of RIM and Indian Ocean.  

\textbf{Reference Books}  
1. K.M. Pannikar-India and Indian Ocean.  
2. Dr. Hari Saran-Indian Ocean.
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<td>3.</td>
<td>Cyber -Terrorism.</td>
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</tbody>
</table>

**Reference Books**

2. J.F.C. Fuller – Conduct of War.
3. Dr. Som Nath Misra – Saniya Vigyan – I.
4. Dr. L.J. Singh – Strategic Thinkers.
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<td>Relations with Regional Countries and Extra- Regional Powers.</td>
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<td>Role of Military and Intelligence Services.</td>
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<td>Threats and Challenges to National Security, Internal Dimensions.</td>
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<td>1.</td>
<td>Nuclear Missile and other Dimensions.</td>
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**Reference Books**

2. Nagendra Singh-The Defence Mechanism of the Modern State.
6. संजय कुमार व अनुसार जायसवाल: राष्ट्रीय सुरक्षा
Proposed Syllabus MA/M.Sc. Defence Studies
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MA/M.Sc. IIIrd Semester

Course – I  International Law- I  [M.M.: 100]

Unit–I
1. International Law-Definition, Subject matter, Is International Law true Law? Short-Comings of International Law, How to Improve International Law?

Unit–II
2. Relation between International Law and Municipal Law.

Unit–III
1. Intervention definition and kinds.
2. Recognition: Definition, Constitutive, Declaratory Theories Methods of Recognition, Defects and Demure Recognition, Stimon and Estrada Doctrine, UNO and Recognition.

Unit–IV
1. Subjects of International Law.

Reference Books
1. Oppentreim International Law Vol. I & II.
9. एस.के. कपुर: अन्तरराष्ट्रीय विधि
10. वी.एल. फांडिया: अन्तरराष्ट्रीय विधि
Proposed Syllabus MA/M.Sc. Defence Studies
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MA/M.Sc. IIIrd Semester
Course – I
Disarmament & Arms Control
Before World War-II

[M.M.: 100]

Unit–I
1. Basic Concepts of Disarmament and Arms Control.

Unit–II
1. History of Disarmament and Arms Control Agreements before WW II.

Unit–III
2. Other efforts and limitation of Disarmament during Inter-War Period.

Unit–IV
1. Disarmament Policies and approaches of Britain and France before WW II.
2. Disarmament Policies and approach of Germany before WW II.

Unit–V
1. Efforts in the Context of Balance of Power.
2. Paths of Peace before World War II.

Reference Books
2. Dr. M.K. Bhargava Disarmament from Versailles to Test Ban.
3. Edwards : Arms Control in International Politics.
5. Arms Control: Philip Noel Baker.
6. James E. Dougherty: How to Think about Arms Control and Disarmament.
Proposed Syllabus MA/M.Sc. Defence Studies
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MA/M.Sc. IIIrd Semester

Course – I  Indian Military History-I  [M.M.: 100]

Unit–I  Basic Concepts of Military History.

1. What is Military History?

Unit–II  Military History of Ancient India:

1. Military Philosophy, Techniques, Strategy and Tactics
   Organization and Weapon of.
   i. Vedic Period   ii. Epic Period   iii. Mauryas Period
2. Battle of Hydaspes 326 B.C.

Unit–III  Military History of the Medieval India:

1. The Turkish invasion of India, Mahmud of Ghazni and Mahmud
   of Ghori and the Battles of Tarins (1191, 1192).
2. The Sultanate of Delhi: From The Slave Dynasty to the Lodhi
   Dynasty– The First Battle of Paniapt.

Unit–IV

2. Rise of Mughal Military System.

Reference Books

1. Lt. Col H.C. Kar: Military History of India.
2. Dr. K.K. Yadav, Dr. A.R. Srivastav, Dr. A.S. Signh: Bhartiya
   Saniya Kala Ka Itihas.
3. Dr. Somnath: Saniya Vigyan-1
4. G.S. Singh & Prashant Agarwal: भारतीय सैन्य कला
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MA/M.Sc. IIIrd Semester
Course – IV  Disaster Management  [M.M.: 100]

Unit–I
1. Introduction.
2. Disaster and Development.

Unit–II
1. Earth Quake.
2. Floods.

Unit–III
1. Drought
2. Volcanoes

Unit–IV
1. Forest Fires.
2. Coastal Hazards.

Unit–V
1. Land Slides.
2. International decade for Natural disaster Reduction.
3. NDMA and India’s DM Planning.

Reference Books
1. Dr. Prakash Indu : Disaster Management- Prahari Prakashan Ghaziabad.
Proposed Syllabus MA/M.Sc. Defence Studies
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MA/M.Sc. IVth Semester
Course – I  India’s National Security  [M.M.: 100]

Unit–I
1. India's Geo- Strategic Setting.
2. India’s Land Sea Frontiers.

Unit–II
1. Problems in India's Internal Security (i) Kashmir Problem.
   (ii) Terrorism (iii) Naxalite Problem and Maoism.
   (iv) North-East.
   (ii) Drug Trafficking (iii) Child Labour (vi) Unemployment.
   (v) Corruption and Governance.

Unit–III
1. Indian Ocean and Himalaya in India’s Security Considerations.
2. India's Security Problems in the Context of : (i) Pakistan (ii) China (iii) Nepal (iv) Bangladesh (v) Srilanka.

Unit-IV
1. India’s Defence Policy: An Overview Tomorrow.
2. India’s Foreign Policy: An Overview.

Reference Books
2. Nagendra Singh- The Defence Mechanism of the Modern State.
6 संजय कुमार व अनुराग जायस्वाल: राष्ट्रीय सुरक्षा
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<td>(a) Definition and Kinds of War (b) Warfare on Land.</td>
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<td>2. Enemy Character.</td>
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<td>(b) Right of Visit and Search.</td>
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<td>1. War Crimes and their Trial (Nuremberg and Tokyo).</td>
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<td>2. International Law and Conduct of War.</td>
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<td>(a) Blockade: Conception, Establishment and breach the Long Distance Blockade and end of Blockade.</td>
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<td>(b) Contraband: Conception, Absolute and Conditional Contraband Doctrines of Continuous voyage.</td>
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<tr>
<td>2. Refugee Law and Conventions.</td>
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**Reference Books**

1. Oppenheim International Law Vol. I & II.  
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### Unit-I
2. Disarmament and Arms Control efforts and Agreement between 1945 and 1960.

### Unit-II

### Unit-III

### Unit-IV

### Unit-V
1. Problems of Inspection and Verification Nuclear Weapon.
2. Peace and its Maintenance: (i) Non-Violence; Peace through World Govt.

### Reference Books
1. G.G. Meerchandani – Indias Nuclear Dilemma
2. Lenard Beaton- The spread of Nuclear Weapons.
3. Success and failure in Arms control Negotiation April Charter (SIPRI)
4. Stone J.J. Containing the Arms Race
5. Van Bostrand- Arms Control for the Late Sixties.
### MA/M.Sc. IVth Semester

**Course – II Indian Military History [M.M.: 100]**

#### Unit–I
2. (i) The Sikhas Military system- Organization, weapon strategy & Tactics.

#### Unit–II British Period:
1. East India Company & Its approach.
2. Rise of Presidency Armies.
3. Idealization of Indian Army.
4. Nationalization of Indian Armed Forces.

#### Unit–III
1. Indian National Army:
   - (i) Army
   - (ii) Navy
   - (iii) Air Force

#### Unit–IV
2. Higher Defence Organization of India.

#### Reference Books
2. Dr. K.K. Yadav, Dr. A.R. Srivastav, Dr. A.S. Singh: Bhartiya Saniya Kala Ka Itihas.
3. Dr. Somnath: Saniya Vigyan-1.
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MA/M.Sc. IVth Semester  
Course – IV Disaster Management  [M.M.: 100]

**Unit–I** Chemical and Industrial Accidents:
1. The Bhopal Disaster.
2. Nuclear Disaster: Chernobyl and Fukushima.

**Unit–II**
1. Accidental Explosions.

**Unit–III** Disaster Management
1. Financing and Relief operation.
2. Legal Aspects.

**Unit-IV**
1. Disaster Rescues.
2. Causality Management

**Unit-V**
1. Role of Armed Services.
2. Risk Analysis
3. Role of IGON and NGOs.

**Reference Books**
1. Dr. Prakash Indu: Disaster Management: Prahari Prakashan Ghaziabad.
Proposed Syllabus MA/M.Sc. Defence Studies  
July 2012 Onwards  
C.C.S. University, Meerut

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<td>(b) Definition and Objectives of Research.</td>
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<td>(b) Use of Footnotes, End-Notes, Bibliography, Abbreviations and Referencing.</td>
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**Research Methodology: Basic Treatment of the Following: Attachment 50 marks)**

1. Viva-Voice- 50 Marks.
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July 2012 Onwards  
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