

SOLAPUR UNIVERSITY, SOLAPUR



NAAC Accredited-2015
'B' Grade (CGPA 2.62)

Name of the Faculty Social Science

Syllabus

Name of the Course B.A. Part – II

Military Science (N.C.C.)

CBCS PATTERN

With effect from June- 2017-2018

1) Preamble

The Introduction to the Indian Military Science, Weapons, Drill and Military Geography

2) Objective of the Course

1. To train the students regarding military system
2. To Impart the Military Training To the students
3. To train the students regarding military weapons
4. To develop the leadership qualities

SOLAPUR UNIVERSITY, SOLAPUR

Choice Based Credit System, Syllabus for B.A. Part II

Military Science (N.C.C.) Paper III Semester III

Syllabus (Boys)

w.e.f. June 2017-18

Theory 35 Marks + Practical 35 Marks = 70 marks.

Total Credits = 4 (Theory 2 + Practical 2)

Paper III Semester III

Unit - I	Lect.	Practical
A) Military Science:- 1) Importance of Military Science as Subject. 2) The Impact of Modern Technology on Defence.	04	-
B) Drill Training:- 1) Words of Command and individual Practice. 2) Foot Drill – Squad Drill. 3) Arms Drill – Bagal Shast(r), Bazu Shast(r), Salami Shast(r). Marching with Arms and Examine Arms. 4) Ceremonial Drill, Guard of Honour.	04	20
C. Map Reading :- 1. The Grid System - Four Figure Grid Reference, Six - Figure Grid Reference. 2. Types of North. 3. Types of Bearings. 4. Conversion of Forward Bearing into Back Bearing.	08	16
Unit - II		
D. Selection of Camp Site:- 1) Ideal Camp Site. 2) Characteristics of an Ideal Camp Site. 3) Types of Camps.	06	08
E. Field Training:- 1) Movement with and without Arms. 2) Platoon Formation. 3) Camouflage and Concealment.	08	16

Reference Books:-

1. Pletier Louis & G. Etzel Percy – Military Geography
2. Maj. Gen. (Retd.) F.M. Richardson - Fighting Spirit 1978, Natraj Publication, Deharadun.
3. J.N. Sarkar - Military History of India (New Delhi Orient Longman, 1973)
4. S.N. Sen -The Military System of Marathas (New Delhi K.P. Bagchicom, 1977)
5. Brig. K.G. Pitre – War History of Marathas (Pune K. G. Pitre, 1988)
६. पित्रे का.ग.- हिंदूस्थानचा संक्षिप्त युद्ध इतिहास (मुंबई नव चैतन्य प्रकाशन, १९९९)
7. डॉ. रोड्गेमनाथ - मराठ्यांचा इतिहास (पिंपळापूरे अॅण्ड कंपनी पब्लिशर्स, नागपूर, १९९८)
8. ले.ज. जेकब जे. एफ. आर. ढाक्याची शरणागती (अक्षर प्रकाशन मुंबई, १९९८)
9. डॉ. स्तू. कृष्णकुमार - कारगील संघर्ष (पोइंटर पब्लिशर्स, जयपूर, २०००)
10. N.C.C. Cadet Handbook (Kranti Prakashan, Itava, M.P.)
11. Précis – O.T.A. Kamptee Nagpur
12. N.C.C. Yearly Magazine.

SOLAPUR UNIVERSITY, SOLAPUR

Choice Based Credit System, Syllabus for B.A. Part II

Military Science (N.C.C.) Paper V Semester IV

Syllabus (Boys)

w.e.f. June 2017-18

Theory 35 Marks + Practical 35 Marks = 70 marks.

Total Credits = 4 (Theory 2 + Practical 2)

Paper V Semester IV

Unit – I	Lect.	Practical
A) Weapon Training:- 1. Characteristics of Infantry Section weapons. 22 Rifle, .303 Rifle, 7.62 mm SLR and 7.62 mm LMG. 2. Practical handling of 7.62 mm SLR and 7.62 mm LMG, Stripping and Assembling.	06	30
B) Operation of War:- 1) Advance. 2) Attack. 3) Defence. 4) Patrols and Ambushes. 5) Special Mission. (River Crossing)	06	10
C. Military History:- 1) Principles of War. 2) Indo-Pak War of 1971. 3) Kargil Conflict – 1999. 4) India's Neighbours.	06	-
Unit – II		
D. Military Geography:- 1) India's Geographical Location and its impact on India's Defence. 2) Importance of Indian Ocean. 3) Border and its Safety.	06	10
E. Leadership:- 1. Citizen – Elements of Good Citizen. 2. Rights of Good Citizen. 3. Morale. 4. Study of Selected Military Leaders – Shivaji and Akbar.	06	10

Reference Books:-

1. Pletier Louis & G. Etzel Percy – Military Geography
2. Maj. Gen. (Retd.) F.M. Richardson - Fighting Spirit 1978, Natraj Publication, Deharadun.
3. J.N. Sarkar - Military History of India (New Delhi Orient Longman, 1973)
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६. पित्रे का.ग.- हिंदूस्थानचा संक्षिप्त युध्द इतिहास (मुंबई नव चैतन्य प्रकाशन, १९९९)
7. डॉ. रोडे सोमनाथ - मराठयांचा इतिहास (पिंपळापूरे अॅण्ड कंपनी पब्लिशर्स, नागपूर, १९९८)
8. ले.ज. जेकब जे. एफ. आर. ढाक्याची शरणागती (अक्षर प्रकाशन मुंबई, १९९८)
9. डॉ. स्तू. कृष्णकुमार - कारगील संघर्ष (पोइंटर पब्लिशर्स, जयपूर, २०००)
10. N.C.C. Cadet Handbook (Kranti Prakashan, Itava, M.P.)
11. Précis – O.T.A. Kamptee Nagpur
12. N.C.C. Yearly Magazine.

SOLAPUR UNIVERSITY, SOLAPUR

Choice Based Credit System, Syllabus for B.A. Part II

Military Science (N.C.C.) Paper III Semester III

Syllabus (Girls)

w.e.f. June 2017-18

Theory 35 Marks + Practical 35 Marks = 70 marks.

Total Credits = 4 (Theory 2 + Practical 2)

Paper No. III Semester III

UNIT-I	Lect.	Practical
A) Military Science:- 1) Importance of Military Science as Subject. 2) The Impact of Modern Technology on Defence.	04	-
B) Drill Training:- 1) Words of Command and individual Practice. 2) Foot Drill – Squad Drill. 3) Arms Drill – Bagal Shast(r), Bazu Shast(r), Salami Shast(r). Marching with Arms and Examine Arms. 4) Ceremonial Drill, Guard of Honour.	04	20
C) Map Reading :- 1) Scale. 2) The Grid System - Four Figure Grid Reference, Six - Figure Grid Reference. 3) Types of North. 4) Types of Bearings. 5) Conversion of Forward Bearing into Back Bearing. 6) Map to Ground and Ground to Map.	08	16
UNIT-II		
D. Selection of Camp Site:- 1) Ideal Camp Site. 2) Characteristics of an Ideal Camp Site. 3) Types of Camps.	06	08
E. Field Training:- 1) Movement with and without Arms. 2) Platoon Formation. 3) Camouflage and Concealment.	08	16

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13. Pletier Louis & G. Etzel Percy – Military Geography
14. Maj. Gen. (Retd.) F.M. Richardson - Fighting Spirit 1978, Natraj Publication, Deharadun.
15. J.N. Sarkar - Military History of India (New Delhi Orient Longman, 1973)
16. S.N. Sen -The Military System of Marathas (New Delhi K.P. Bagchicom, 1977)
17. Brig. K.G. Pitre – War History of Marathas (Pune K. G. Pitre, 1988)
18. N.C.C. Cadet Handbook (Kranti Prakashan, Itava, M.P.)
19. Précis – O.T.A. Kamptee Nagpur
20. N.C.C. Yearly Magazine.
21. Dr. L. R. Singh – National Security Problems in India
(New Delhi Ashish, 2000)
२२. पित्रे का.ग.- हिंदूस्थानचा संक्षिप्त युध्द इतिहास (मुंबई नव चैतन्य प्रकाशन, १९९९)
23. डॉ. रोडे सोमनाथ - मराठ्यांचा इतिहास (पिंपळापूरे अॅण्ड कंपनी पब्लिशर्स, नागपूर, १९९८)
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25. डॉ. स्तू. कृष्णकुमार - कारगील संघर्ष (पोइंटर पब्लिशर्स, जयपूर, २०००)

SOLAPUR UNIVERSITY, SOLAPUR

Choice Based Credit System, Syllabus for B.A. Part II

Military Science (N.C.C.) Paper V Semester IV

Syllabus (Girls)

w.e.f. June 2017-18

Theory 35 Marks + Practical 35 Marks = 70 marks.

Total Credits = 4 (Theory 2 + Practical 2)

Paper No. V Semester IV

UNIT-I	Lect.	Practical
A) Weapon Training:- 1) Characteristics of Infantry Section weapons. 22 Rifle, .303 Rifle, 7.62 mm SLR and 7.62 mm LMG. 2) Practical handling of 7.62 mm SLR and 7.62 mm LMG, Stripping and Assembling.	02	28
B) Field Craft:- 1) Field Signals. 2) Judging Distance and its types. 3) Section Formations. 4) Fire Control Orders.	06	12
C . Military History:- 1) Principles of War. 2) Indo-Pak War of 1971. 3) Kargil Conflict – 1999. 4) India's Neighbours.	08	12
UNIT-II		
D. Military Geography:- 1) India's Geographical Location and its impact on India's Defence. 2) Importance of Indian Ocean. 3) Border and its Safety.	08	04
E. Human Resource Development :- 1) Values and Code of Ethics. 2) Communication. 3) Motivation. 4) Decision-Making. 5) Character – Personality Development.	06	04

Reference Books:-

26. Pletier Louis & G. Etzel Percy – Military Geography
27. Maj. Gen. (Retd.) F.M. Richardson - Fighting Spirit 1978, Natraj Publication, Deharadun.
28. J.N. Sarkar - Military History of India (New Delhi Orient Longman, 1973)
29. S.N. Sen -The Military System of Marathas (New Delhi K.P. Bagchicom, 1977)
30. Brig. K.G. Pitre – War History of Marathas (Pune K. G. Pitre, 1988)
31. N.C.C. Cadet Handbook (Kranti Prakashan, Itava, M.P.)
32. Précis – O.T.A. Kamptee Nagpur
33. N.C.C. Yearly Magazine.
34. Dr. L. R. Singh – National Security Problems in India
(New Delhi Ashish, 2000)
३५. पित्रे का.ग.- हिंदूस्थानचा संक्षिप्त युद्ध इतिहास (मुंबई नव चैतन्य प्रकाशन, १९९९)
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38. डॉ. स्तू. कृष्णकुमार - कारगील संघर्ष (पोइंटर पब्लिशर्स, जयपूर, २०००)

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Choice Based Credit System, Syllabus for B.A. Part II

Military Science (N.C.C.) Paper IV Semester III

Syllabus (Boys)

w.e.f. June 2017-18

Theory 35 Marks + Practical 35 Marks = 70 marks.

Total Credits = 4 (Theory 2 + Practical 2)

Paper IV Semester III

UNIT-I	Lect.	Practical
A) Drill:- 1) Arms Drill IP. 2) Ceremonial Drill IP.	04	20
B) Map Reading :- 1) Preparation of Night March Chart. 2) Point to Point March and It's Practice.	06	12
C) Contribution of Great Warriors towards the Act of War:- 1) Nepolean the Great. 2) Shivaji the Great.	06	-
UNIT-II		
D. Civil Defence/Civil Affairs:- 1) Disaster Management and its Importance. 2) Natural and Man Made Calamities. 3) Aid to Civil Authorities – Accidents, Floods, Fire, Earthquakes, Famines and Cyclones.	04	12
E. Self Defence:- 1) Importance of Self Defence. 2) Essential things for Unarmed Combat. 3) Vulnerable Parts of the Body. 4) Types of Attack- Chainjab, The Knee blow, The Kick, The Wrist lock.	05	08
F. National Integration:- 1) National Integration – It's Importance and Necessity. 2) Factors harmful for National Integration. 3) Contribution of Cadets, ANO's and N.C.C. in Nation building.	05	08

Reference Books:-

39. Pletier Louis & G. Etzel Percy – Military Geography
40. Maj. Gen. (Retd.) F.M. Richardson - Fighting Spirit 1978, Natraj Publication,
Deharadun.
41. Brig. K.G. Pitre – War History of Marathas (Pune K. G. Pitre, 1988)
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43. N.C.C. Cadet Handbook (Kranti Prakashan, Itava, M.P.)
44. Précis – O.T.A. Kamptee Nagpur
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SOLAPUR UNIVERSITY, SOLAPUR

Choice Based Credit System, Syllabus for B.A. Part II

Military Science (N.C.C.) Paper VI Semester IV

Syllabus (Boys)

w.e.f. June 2017-18

Theory 35 Marks + Practical 35 Marks = 70 marks.

Total Credits = 4 (Theory 2 + Practical 2)

Paper No VI Semester IV

UNIT-I	Lect.	Practical
A) Weapon Training:- 1) Range Procedure and Safety Precautions. 2) Firing – Aiming, Firing and its type's i. Grouping, Snap, Application.	06	24
B) Environment and Ecology:- 1) Introduction to Environment and Ecology. 2) Conservation of Forests and Wild Life. 3) Pollution and its types.	06	12
C. Social Service:- 1) Social Service and its Need. 2) Social Service activities done in N.C.C. 3) N.C.C. Cadets and their contribution to society. 4) Blood Donation, Tree Plantation, Family Planning, Anti- Dowery Movement.	06	20
UNIT-II		
D. Hygiene and Sanitation:- 1) Importance of Personal hygiene. 2) Sleep, Bathing, Eating, Drinking, Exercises, Habits and Cleanliness. 3) Prevention of AIDS.	06	-
E. First Aid:- 1) Importance of First Aid. 2) Essentials of First Aider. 3) First Aid for Snake-bite, Sun-stroke, Shock, Burning, Drowning, Bleeding and Dog-bite.	06	04

Reference Books:-

46. Pletier Louis & G. Etzel Percy – Military Geography
47. Maj. Gen. (Retd.) F.M. Richardson - Fighting Spirit 1978, Natraj Publication, Deharadun.
48. Brig. K.G. Pitre – War History of Marathas (Pune K. G. Pitre, 1988)
४९. पित्रे का.ग.- हिंदूस्थानचा संक्षिप्त युद्ध इतिहास (मुंबई नव चैतन्य प्रकाशन, १९९९)
50. N.C.C. Cadet Handbook (Kranti Prakashan, Itava, M.P.)
51. Précis – O.T.A. Kamptee Nagpur
52. N.C.C. Yearly Magazine.

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Military Science (N.C.C.) Paper IV Semester III

Syllabus (Girls)

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Paper IV Semester III

UNIT-I	Lect.	Practical
A) Drill:- 1) Arms Drill IP. 2) Ceremonial Drill IP.	06	24
B) Map Reading:- 1) Preparation of Night March Chart. 2) Point to Point March and It's Practice.	06	16
C. Civil Defence/Civil Affairs:- 1) Disaster Management and its Importance. 2) Natural and Man Made Calamities. 3) Aid to Civil Authorities – Accidents, Floods, Fire, Earthquakes, Famines and Cyclones.	06	04
UNIT-II		
D. Self Defence:- 1) Importance of Self Defence. 2) Essential things for Unarmed Combat. 3) Vulnerable Parts of the Body. 4) Types of Attack- Chainjab, The Knee blow, The Kick, The Wrist lock.	06	16
E. Nation Building:- 1) National Integration – It's Importance and Necessity. 2) Factors harmful for National Integration. 3) Contribution of Cadets, ANO's and N.C.C. in Nation building.	06	-

Reference Books:-

53. Pletier Louis & G. Etzel Percy – Military Geography
54. Maj. Gen. (Retd.) F.M. Richardson - Fighting Spirit 1978, Natraj Publication, Deharadun.
55. Brig. K.G. Pitre – War History of Marathas (Pune K. G. Pitre, 1988)
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57. N.C.C. Cadet Handbook (Kranti Prakashan, Itava, M.P.)
58. Précis – O.T.A. Kamptee Nagpur and Gwalior.
59. N.C.C. Yearly Magazine.
60. Rajesh Kadian – India and its Army, New Delhi Vision.
61. Mishra H.B. – Defence Management in India, Author Press, New Delhi, 2000
62. Lt. Col. Abhayankar M.G.- Defence Principles and Organization, Usha Publication, Pune University, Pune
63. Youth in Step, D.G.N.C.C., New Delhi.
64. Annual Report of the Ministry of Defence Government of India.

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Syllabus (Girls)

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Paper No VI Semester IV

UNIT-I	Lect.	Practical
A) Weapon Training:- 1) Range Procedure and Safety Precautions. 2) Firing – Aiming, Firing and its type's Grouping, Snap, Application.	06	16
B) Environment and Ecology:- 1) Introduction to Environment and Ecology. 2) Conservation of Forests and Wild Life. 3) Pollution and its types.	06	14
C. Social Service:- 1) Social Service and its Need. 2) Social Service activities done in N.C.C. 3) N.C.C. Cadets and their contribution to society. 4) Blood Donation, Tree Plantation, Family Planning, Anti- Dowery Movement.	06	16
UNIT-II		
D. Hygiene and Sanitation:- 1) Importance of Personal hygiene. 2) Sleep, Bathing, Eating, Drinking, Exercises, Habits and Cleanliness. 3) Prevention of AIDS.	06	06
E. First Aid:- 1) Importance of First Aid. 2) Essentials of First Aider. 3) First Aid for Snake-bite, Sun-stroke, Shock, Burning, Drowning, Bleeding and Dog-bite.	06	08

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6. Précis – O.T.A. Kamptee Nagpur and Gwalior.
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11. Youth in Step, D.G.N.C.C., New Delhi.
12. Annual Report of the Ministry of Defence Government of India.

Equivalent Subject for Old Syllabus

Sr. No.	Name of the Old Paper	Name of the New Paper
1)	N.C.C. (Military Science) Paper - III	Military Science (N.C.C.) Paper - III
2)	N.C.C. (Military Science) Paper - IV	Military Science (N.C.C.) Paper - IV
3)	N.C.C. (Military Science) Paper - V	Military Science (N.C.C.) Paper - V
4)	N.C.C. (Military Science) Paper - VI	Military Science (N.C.C.) Paper - VI

Nature of Question Paper

SOLAPUR UNIVERSITY, SOLAPUR

Sub - Military Science (N.C.C.)

B. A. Part II

Paper III, IV, V & VI

Time 1.30

Marks 35

- Instruction:**
- 1. All Questions are compulsory**
 - 2. Figures to the right indicate full marks**

**1. Fill in the blanks by choosing correct alternative from the given below
7mark**

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

2. Attempt any three of the following question 6 marks

- 1.
- 2.
- 3.
- 4.

3. Write short notes any two of the following 8 marks

- 1.
- 2.
- 3.

4. Long question 7 Marks

or

5. Long question 7 Marks