

**DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD**



CIRCULAR NO.SU/NCC/First Year/04/2017

It is hereby informed to all concerned that, on the recommendation of the N.C.C. Syllabus Committee, the **Academic Council at its meeting held on 20 & 21 June 2017 has accepted the Syllabus of N.C.C. First Year (I & II Sem.) as a optional subject at U.G. Level for B.A., B. Com. & B. Sc. Courses** as per enclosed herewith.

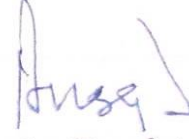
This is effective from the Academic Year 2017-2018 and onwards.

All concerned are requested to note the contents of this circular and bring the notice to the students, teachers and staff for their information and necessary action.

University Campus,
Aurangabad-431 004.

REF.NO.SU/NCC/IYR./2017/2194-SJ

Date:- 04-07-2017.


**Deputy Registrar,
Syllabus Section**

Copy forwarded with compliments to :-

- 1] **The Principals, affiliated concerned Colleges,
Dr. Babasaheb Ambedkar Marathwada University.**
- 2] The Director, University Network & Information Centre, UNIC, with
a request to upload this Circular on University Website.

Copy to :-

- 1] The Director, Board of Examinations & Evaluation,
 - 2] **The Section Officer, [B.A. Unit] Examination Branch,**
 - 3] **The Section Officer, [B.Com. Unit] Examination Branch,**
 - 4] **The Section Officer, [B.Sc. Unit] Examination Branch,**
 - 5] The Section officer, [Eligibility Unit],
 - 6] **The Programmer [Computer Unit-1] Examinations,**
 - 7] **The Programmer [Computer Unit-2] Examinations,**
 - 8] The In-charge, [E-Suvidha Kendra],
 - 9] The Public Relation Officer,
 - 10] The Record Keeper,
- Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

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**DR. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



SYLLABUS FOR
FIRST YEAR

NCC

SEMESTER I AND II

OPTIONAL SUBJECT AT U.G. LEVEL

UNDER THE FACULTY OF

ARTS/ COMMERCE/ SCIENCE

W.E.F YEAR 2017-2018 & ONWARDS

[Signature]

14.6.2017

Dr. H. J. NAYKE

NCC

SEMESTER I AND II

OPTIONAL SUBJECT AT U.G. LEVEL

UNDER THE FACULTY OF

ARTS/ COMMERCE/ SCIENCE

W.E.F YEAR 2017-2018 & ONWARDS

[Signature]

(Dr. S. M. KOLE)

14-06-2017

[Signature]

14-6-2017

Dr. Pathan ASad Khan

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

NCC

Curriculum Structure and Scheme of Evaluation for - B. A. B.Sc. & B.com
With effective from 2017-18.

SEMESTER – I									
Unit.	Course Code	Name of the Subject	Scheme of Teaching (Periods/Week)				Scheme of Evaluation (Marks)		
			L	P	Total Periods	Total Credits	Theory	Pract/ Viva-Voce	Total Marks
Unit I.	NCC 101	Common Subject I	4	-	4	4	30	-	30
Unit II.	NCC 102	Specialized Subject (Army I)	4	-	4	4	30	-	30
Unit I & II	NCC 103	NCC practicum's	-	4	4	4	-	40	40
(A) Total of Semester – I			8	4	12	12	60	40	100
SEMESTER – II									
Unit.	Course Code	Name of the Subject	Scheme of Teaching (Periods/Week)				Scheme of Evaluation (Marks)		
			L	P	Total Periods	Total Credits	Theory	Pract/ Viva-Voce	Total Marks
Unit I.	NCC 104	Common Subject II	4	-	4	4	30	-	30
Unit II.	NCC 105	Specialized Subject (Army II)	4	-	4	4	30	-	30
Unit I & II	NCC 106	NCC Practicum's	-	4	4	4	-	40	40
(B) Total of Semester – II			8	4	12	12	60	40	100

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SYLLABUS FOR - B. A. B.Sc & B.com

With effective from 2017-18

B. A. B.Sc & B.com First Semester

Course – I

Unit	Course Code	Title of the Paper	Credits	Marks
Unit I	NCC 101	Common Subject	4	30
Unit II	NCC 102	Specialized Subject (Army)	4	30
Unit I & II	NCC103	NCC Practicum's	4	40

Note: -

- 1. For theory papers 1 credit = 15 periods.**
- 2. For practical's 1 credit = 30 periods.**
- 3. One period comprises 50 minutes duration.**
- 4. For NCC practicum's: There shall be a batch of 12 students.**
- 5. There shall be a combined Practical Examination of both semesters annually.**

Syllabus for B.A. B.Sc & B.com (Semester – I)

Course I, Unit I

NCC 101 – Introduction to NCC I

With effective from 2017-18.

Marks-30

Objectives of the syllabus: -

- To acquaint cadets with the aims and objectives of NCC
- To inculcate sense of patriotism, secular values and motivate cadets to contribute towards nation building through national unity and social cohesion.
- To inculcate sense of discipline, improve bearing smartness, turnout and to develop quality of immediate and implicit obedience of orders.
- To give elementary knowledge about Rifles.

1. The NCC: -

Credit 1

- i. NCC establishment
- ii. Genesis, Aims, objectives and NCC song
- iii. Organization of the NCC
 - a) Cardinals of NCC
 - b) NCC Flaq & Oath of NCC
 - c) Raising of NCC in schools & Colleges
 - d) Kinds of NCC training

2. National Integration: -

Credit 1

- i. National Integration Importance and Necessity
- ii. Freedom Struggle and Nationalist Movement in India
- iii. National Interests, Objectives, Threats and Opportunities
- iv. Problems and Challenges of National Integration
- v. Unity in Diversity

3. Foot Drill I

Credit 1

- i. General and Words of Command
- ii. Attention, Stand at Ease and Stand Easy, Turning and Inclining at the Halt
- iii. Sizing, Forming up in Three Ranks, Numbering and Close Order March and Dressing

4. Foot Drill II

Credit 1

- i. Turning at the March and Wheeling
- ii. Saluting at the March
- iii. Individual Word of Command
- iv. Side Pace, Pace Forward and to the Rear

Source Books: -

1. Cadet's Handbook- Common Subject, all wings by DG NCC, New Delhi.
2. Cadet's Handbook- Common Subject by NCC Directorate- Bhubaneswar

Syllabus for B.A. B. Sc & B.com (Semester – I)
Course I , Unit II

NCC 102- Specialized Subject (Army I)
With effective from 2017-18.

Marks-30

Objectives of the syllabus

- To acquaint cadets with the Armed Forces.
- To teach cadets elementary map reading.
- To teach cadets elementary field Craft and Battle Craft.

1. Armed Forces

Credit 1

- i. Introduction
- ii. Basic organization of Armed forces
- iii. Organization of Army
- iv. Badges and Ranks

2. Fighting and Supporting Arms

Credit 1

- i. Task & Role of Fighting Arms
- ii. Task and Role of supporting Arms and services
- iii. Modes of entry of Army
- iv. Honours and awards

3. Map Reading Part I

Credit 1

- i. Introduction to types of Maps and conventional signs
- ii. Scale and Grid system
- iii. Topographical forms and technical terms
- iv. Relief, contours and gradients

4. Map Reading Part II

Credit 1

- i. Types of bearing and use of service protractor
- ii. Prismatic compass and its use and GPS
- iii. Setting a Map, Finding North and own position
- iv. Map to ground, ground to Map

Source Books: -

1. Cadet's Handbook- Specialized subjects, all wings by DG NCC, New Delhi.

Syllabus for B.A. B.Sc. & B.Com (Semester – I)

Course I, Unit I

NCC 103– NCC Practicum's.

With effective from 2017-18

Total practical 08

Marks - 40

Section: A

Credit 4

1. Foot drill & drill with arms (any four)

Credit 1.5

- i. Attention stand at ease and stand easy, turning and inclining at the halt
- ii. Sizing, forming up in three ranks and numbering, open and close order march and dressing
- iii. Saluting at the half, getting on parade, dismissing and falling out
- iv. Attention, stand at ease and stand easy
- v. Getting on parade with rifle and dressing at the order
- vi. Ground / take up arms

2. Weapon Training (any four)

Credit 1.5

- i. Stripping, Assembling, Cleaning and Sight Setting of .22 Rifle
- ii. Stripping, Assembling, Care and Cleaning of 7.62 SLR
- iii. Loading, Cooking and Unloading
- iv. Lying Position, Holding and Aiming
- v. Trigger Control and Firing a Shot
- vi. Range procedure and safety precautions

Section B Campaigning for social welfare

Credit 1

- a. Social awareness campaigning
- b. Social welfare campaigning

Distribution of Marks

Section A				Section B (Internal)		Total
Written	Demo	Oral	Record Book (Internal)	Oral	Report	
05	05	10	10	05	05	40

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NCC

SYLLABUS FOR - B.A. B.Sc & B.com

With effective from 2017-18.

B. A. Second Semester

Course – II

Unit	Course Code	Title of the Paper	Credits	Marks
Unit I	NCC 104	Common Subject II	4	30
Unit II	NCC 105	Specialized Subject (Army II)	4	30
Unit I & II	NCC 106	NCC Practicum's	4	40

Note: -

- 1. For theory papers 1 credit = 15 periods.**
- 2. For practical's 1 credit = 30 periods.**
- 3. One period comprises 50 minutes duration.**
- 4. For NCC Practicum's: There shall be a batch of 12 students.**
- 5. There shall be a combined Practical Examination of both semesters annually.**

Syllabus for B.A. B. Sc & B. com (Semester – II)
Course II, Unit I

NCC 104 –Common Subject II

With effective from 2017-18

Marks-30

Objectives: -

- To inculcate sense of discipline, improve bearing smartness, turnout and to develop quality of immediate and implicit obedience of orders.
- To give elementary knowledge about Rifles.

1. Drill with arms, Ceremonial Drill

Credit 1

- i. Attention, Stand at Ease and Stand Easy
- ii. Getting on Parade with Rifle and Dressing at the Order
- iii. Dismissing and Falling Out
- iv. Ground and Take up Arms
- v. Shoulder from the Order and Vice Versa
- vi. Present from the Order and Vice Versa

2. Ceremonial Drill

Credit 1

- i. Guard Mounting
- ii. Guard of Honour
- iii. Platoon or Copy Drill
- iv. Instructional practice

3. Weapon Training

Credit 1

- i. Characteristics of a Rifle and its Ammunition
- ii. Stripping, Assembling, Cleaning and Sight Setting of .22 Rifle
- iii. Stripping, Assembling, Care and Cleaning of 7.62 SLR
- iv. Loading, Cooking and Unloading
- v. Lying Position, Holding and Aiming
- vi. Trigger Control and Firing a Shot

4. Adventure TRG

Credit 1

- i. Para Sailing
- ii. Slithering
- iii. Rock Climbing
- iv. Cycling and Trekking
- v. Obstacle Training

Source Books: -

1. Cadet's Handbook- Common Subject, all wings by DG NCC, New Delhi.
2. Cadet's Handbook- Common Subject by NCC Directorate- Bhubaneshwar

Syllabus for B.A. B. Sc & B.Com (Semester – II)
Course II, Unit II,
NCC 105 – Specialized Subject (Army II).
With effective from 2017-18

Marks-30

Objectives: -

- To teach cadets elementary field Craft and Battle Craft.
- To introduce Cadets to infantry weapons.
- To provide knowledge of renowned Military General, PVCs & Indo-Pak Battles.

1. Field Craft and Battle Craft I

Credit 1

- i. Introduction
- ii. Judging Distance
- iii. Description of ground
- iv. Recognition, description and indication of landmarks and targets.

2. Field Craft and Battle Craft II

Credit 1

- i. Field signals
- ii. Use of Ground and movement
- iii. Section formations
- iv. Knots and Lashing

3. Introduction to infantry weapons and Equipment

Credit 1

- i. Characteristics of 7.62 mm SLR rifle, ammunition firepower, stripping, assembling and cleaning
- ii. Characteristics of 5.56 mm INSAS rifle, ammunition, firepower, stripping, assembling and cleaning
- iii. Organization of infantry Battalion
- iv. Characteristics of infantry company support weapons.

4. Military History

Credit 1

- i. Biographies of renowned Generals (Carriapa/ Sam Manekshaw)
- ii. Indian Army war Heroes-PVCs
- iii. Study of Battle of Indo Pak wars 1965, 1971 & Kargil
- iv. War movies

Source Books: -

2. Cadet's Handbook- Specialised subjects, all wings by DG NCC, New Delhi.

Syllabus for B.A. B.Sc. & B.Com (Semester –II)

Course I, Unit II

NCC 106 – NCC Practicum's.

With effective from 2017-18

Total practical 8

Marks - 40

Section: A

Credit 4

1. Map Reading (any four)

Credit 1.5

- i. Cardinal Points and types of North
- ii. Types of bearing and use of service protractor
- iii. Prismatic compass and its use and GPS
- iv. Setting a Map, Finding North and own position
- v. Map to ground, ground to map
- vi. Point to point March

2. Field Craft and Battle Craft (any four)

Credit 1.5

- i. Judging Distance
- ii. Description of ground
- iii. Recognition, description and indication of landmarks and targets.
- iv. Field signals
- v. Use of Ground and movement
- vi. Section formations

Section B

Credit 1

- a) Assistance to civil authorities
- b) Ceremonial Parade; 26 January, Army Day, 15 August, Kargil Diwas.
- c) Fix power demonstration at Ahmednager and Devlali

Distribution of Marks

Section A				Section B (Internal)		Total
Written	Demo	Oral	Record Book (Internal)	Oral	Report	
05	05	10	10	05	05	40

References and Additional Reading

References

Title	Authors	Publication
Cadet's Hand book – Common subject..all wings.		BY DG NCC, New Delhi.
Cadet's Hand book – Specialised Subjects, Army, Navy, Air-force		BY DG NCC, New Delhi
NCC OTA Precise		BY DG NCC, New Delhi
“AVAN” Model of Disaster Mang.	Vinayak Dalvie	Proceedings of Int. Conf. on Urban Plan. and Env Strat & Challenges, Elphinstone College, Jan 2007.

Additional Reading

Humanistic Tradition of India	N.L. Gupta	Mohit Publication, New Delhi
Social psychology	Baron & Byrne	Pearson Publication, 12 th Edition self awareness know yourself / insight (110) Group & Individuals (374) Group discussion
Chanakya's 7 Secrets of Leadership	Radhakrishnan Pillai and D.Shivnandhan	Jaico
Social Psychology: Understanding Human Interaction	Baron, Robert A.	(302/BAR/BYR), 7 th Edition
Seven Habits of Highly Effective People.	Covey , Stephen	
The Habit of Winning.	Iyer , Prakash	Penguin , India ; 2011
The Goal	Goldratt , Eliyahu	The Northriver press ; 1994
Freedom Struggle	Chandra Bipin	National Book Trust 1972
Freedom of Religion and The Indian Judiciary	Bachal V.M. , Shubhada Saraswat	(362P)
India 1996- A Reference Annual Govt. of India		
Saha Soneri Pane	Vinayak D. Savarkar	
Environmental Biology and Toxicology	P.D. Sharma.	Rastogi Publication
Environmental Science	S.C. Santra	New Central Book Agency
National Cadet Corps (India)	Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow	Betascript Publishing, 2011
National Cadet Corps, Youth in Action (Google eBook)	National Cadet Corps (India)	Lancer Publishers, 2003
Youth in Step: History of the National Cadet Corps	V. Longer	Lancer international, 1983 Original from the University of Michigan
National Cadet Corps of India	Man Mohan Sharma	Vision Books, 1980 Original from the University of Michigan

The National Cadet Corps Act, 1948, as Modify Up to the 1 st July 1963	India	Government of India Press, 1963 (Military Law)
Cadet Corps in India: Its Evolution and Impact	Satis Chandra Maikap	Darbari Udyog, 1979 Original from the University of California
National Cadet Corps: 100 Years of Distinction	National Cadet Corps (Singapore)	NCC
The NCC	Singapore, National Cadet Corps Council	National Cadet Corps Council
Grooming Tomorrow's Leaders: National Cadet Corps, 1917-2006	R.S. Chhettri	Lancer Publishers, 2006
National Civil Defence Cadet Corps	Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow	Betascript Publishing, 2011
Discovery of India	Jawaharlal Nehru	
Health and Hygiene	Manoj. J.S.	Agra University Publication
Yoga for Healing	Venkateswaran P.S.	Bombay:- Jaico Publishing House 1989
Yoga Illustrated	New Delhi	Ministry of Information and Broadcasting, 1995
Yoga Practice, 1972	Shivnande Swami	Mumbai:- D.B. Taraporewala 1972
Yoga of Patanjali-1979	Yardi M.R.	Bhandarkar Oriental Research Institute- 1974
Sustainable Development (An Alternative Paradigm)	Satpathy , N.	Karnavati Publications , Ahmedabad.
Global Partners for Sustainable Development	Pachauri R.K & Srivastava L.	Tata Energy Research Institute, New Delhi ; 1994, 1998
Ecology and the Politics of survival : Conflict over Natural Resources in India	Shiva , Vandana	Sage Publications , California , 1991